

Chapter 85

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles**

NOTES—

1. This Chapter does not cover:
  - (a) Electrically warmed blankets, bed pads, foot-muffs or the like; electrically warmed clothing, footwear or ear pads or other electrically warmed articles worn on or about the person;
  - (b) Articles of glass of heading 70.11;
  - (c) Machines and apparatus of heading 84.86;
  - (d) Vacuum apparatus of a kind used in medical, surgical, dental or veterinary purposes (Chapter 90); or
  - (e) Electrically heated furniture of Chapter 94.
2. Headings 85.01 to 85.04 do not apply to goods described in heading 85.11, 85.12, 85.40, 85.41 or 85.42. However, metal tank mercury arc rectifiers remain classified in heading 85.04.
3. Heading 85.09 covers only the following electro-mechanical machines of the kind commonly used for domestic purposes:
  - (a) Floor polishers, food grinders and mixers, and fruit or vegetable juice extractors, of any weight;
  - (b) Other machines provided the weight of such machines does not exceed 20 kg.

The heading does not, however, apply to fans or ventilating or recycling hoods incorporating a fan, whether or not fitted with filters (heading 84.14), centrifugal clothes-dryers (heading 84.21), dish washing machines (heading 84.22), household washing machines (heading 84.50), roller or other ironing machines (heading 84.20 or 84.51), sewing machines (heading 84.52), electric scissors (heading 84.67) or to electro-thermic appliances (heading 85.16).
4. For the purposes of heading 85.23:
  - (a) “Solid-state non-volatile storage devices” (for example, “flash memory cards” or “flash electronic storage cards”) are storage devices with a connecting socket, comprising in the same housing one or more flash memories (for example, “FLASH EPROM”) in the form of integrated circuits mounted on a printed circuit board. They may include a controller in the form of an integrated circuit and discrete passive components, such as capacitors and resistors;
  - (b) The term “smart cards” means cards which have embedded in them one or more electronic integrated circuits (a microprocessor, random access memory (RAM) or read-only memory (ROM)) in the form of chips. These cards may contain contacts, a magnetic stripe or an embedded antenna but do not contain any other active or passive circuit elements.

For the purposes of heading 85.34 “printed circuits” are circuits obtained by forming on an insulating base, by any printing process (for example, embossing, plating-up, etching) or by the “film circuit” technique, conductor elements, contacts or other printed components (for example, inductances, resistors, capacitors) alone or interconnected according to a pre-established pattern, other than elements which can produce, rectify, modulate or amplify an electrical signal (for example, semiconductor elements).

The expression “printed circuits” does not cover circuits combined with elements other than those obtained during the printing process, nor does it cover individual, discrete resistors, capacitors or inductances. Printed circuits may, however, be fitted with non-printed connecting elements.

Thin- or thick-film circuits comprising passive and active elements obtained during the same technological process are to be classified in heading 85.42.
6. For the purpose of heading 85.36, “connectors for optical fibres, optical fibre bundles or cables” means connectors that simply mechanically align optical fibres end to end in a digital line system. They perform no other function, such as amplification, regeneration or modification of a signal.
7. Heading 85.37 does not include cordless infrared devices for the remote control of television receivers or other electrical equipment (heading 85.43).
8. For the purposes of headings 85.41 and 85.42:
  - (a) “Diodes, transistors and similar semiconductor devices” are semiconductor devices the operation of which depends on variations in resistivity on the application of an electric field;
  - (b) “Electronic integrated circuits” are:
    - (i) Monolithic integrated circuits in which the circuit elements (diodes, transistors, resistors, capacitors, inductances, etc.) are created in the mass (essentially) and on the surface of a semiconductor or compound semiconductor material (for example, doped silicon, gallium arsenide, silicon germanium, indium phosphide) and are inseparably associated;
    - (ii) Hybrid integrated circuits in which passive elements (resistors, capacitors, inductances, etc.), obtained by thin- or thick-film technology, and active elements (diodes, transistors, monolithic integrated circuits, etc.), obtained by semiconductor technology, are combined to all intents and purposes indivisibly, by interconnections or interconnecting cables, on a single insulating substrate (glass, ceramic, etc.). These circuits may also include discrete components;
    - (iii) Multichip integrated circuits consisting of two or more interconnected monolithic integrated circuits combined to all intents and purposes indivisibly, whether or not on one or more insulating substrates, with or without leadframes, but with no other active or passive circuit elements.

For the classification of the articles defined in this Note, headings 85.41 and 85.42 shall take precedence over any other heading in the Nomenclature, except in the case of heading 85.23, which might cover them by reference to, in particular, their function.
9. For the purposes of heading 85.48, “spent primary cells, spent primary batteries and spent electric accumulators” are those which are neither usable as such because of breakage, cutting-up, wear or other reasons, nor capable of being recharged.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—*continued***

SUBHEADING NOTE—

1. Subheading 8527.12 covers only cassette-players with built-in amplifier, without built-in loudspeaker, capable of operating without an external source of electric power and the dimensions of which do not exceed 170 mm x 100 mm x 45 mm.

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**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.01</b>			<b>Electric motors and generators (excluding generating sets):</b>		
8501.10.00			– Motors of an output not exceeding 37.5 W	5	AAN 1/2010 Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01G	No. . . .	DC motors		
	09B	No. . . .	Other		
8501.20			– Universal AC/DC motors of an output exceeding 37.5 W:		
8501.20.01			-- Exceeding 373 W but not exceeding 55 kW	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01G	No. . . .	Exceeding 373 W but less than 746 W		
	09B	No. . . .	From 746 W to 7 kW inclusive		
	11D	No. . . .	Exceeding 7 kW but not exceeding 37 kW		
	19K	No. . . .	Exceeding 37 kW but not exceeding 55 kW		
8501.20.09			-- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01H	No. . . .	Not exceeding 75 W		
	09C	No. . . .	Exceeding 75 W but not exceeding 186 W		
	19L	No. . . .	Exceeding 186 W but not exceeding 373 W		
	21B	No. . . .	Exceeding 55 kW but not exceeding 186 kW		
	29H	No. . . .	Exceeding 186 kW		
			– Other DC motors; DC generators:		
8501.31			-- Of an output not exceeding 750 W:		
			---- Motors:		
8501.31.01	00G	No. ----	Exceeding 373 W	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8501.31.09	00H	No. ----	Other	5	AAN 1/2010 Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8501.31.19	00C	No. ----	Other	5	Free AAN Free CN Free TH Free TPA Free
8501.32			-- Of an output exceeding 750 W but not exceeding 75 kW:		
			---- Motors:		
8501.32.01	00A	No. ----	Exceeding 750 W but not exceeding 55 kW	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free

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**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Electric motors and generators (excluding generating, etc.—continued</b> — Other DC motors; DC generators—continued -- Of an output exceeding 750 W but not exceeding 75 kW—continued --- Motors—continued		
8501.32.09	00B	No.	---- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8501.32.19	00H	No.	--- Other	5	Free AAN Free CN Free TH Free TPA Free
8501.33			-- Of an output exceeding 75 kW but not exceeding 375 kW:		
8501.33.01	00F	No.	---- Motors	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8501.33.09	00G	No.	--- Other	5	Free AAN Free CN Free TH Free TPA Free
8501.34			-- Of an output exceeding 375 kW:		
8501.34.01	00L	No.	---- Motors	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8501.34.09	00A	No.	--- Other	5	Free AAN Free CN Free TH Free TPA Free
8501.40			-- Other AC motors, single-phase:		
8501.40.01			-- Exceeding 373 W but not exceeding 55 kW	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8501.40.09	01D 09K 11A 19G	No.	. . . Exceeding 373 W but less than 746 W . . . From 746 W to 7 kW inclusive . . . Exceeding 7 kW but not exceeding 37 kW . . . Exceeding 37 kW but not exceeding 55 kW	5	AAN 1/2011 3 1/2012 Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01E 09L 19H 21K 29E	No.	. . . Not exceeding 75 W . . . Exceeding 75 W but not exceeding 186 W . . . Exceeding 186 W but not exceeding 373 W . . . Exceeding 55 kW but not exceeding 186 kW . . . Exceeding 186 kW		

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**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Electric motors and generators (excluding generating, etc.—<i>continued</i>)</b>					
– Other AC motors, multi-phase:					
8501.51			– – Of an output not exceeding 750 W:		
8501.51.01	00D	No.	– – – Exceeding 373 W	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8501.51.09	00E	No.	– – – Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8501.52			– – Of an output exceeding 750 W but not exceeding 75 kW:		
8501.52.01	00J	No.	– – – Exceeding 750 W but not exceeding 55 kW	5	AAN 1/2010 Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8501.52.09	00K	No.	– – – Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8501.53.00	00G	No.	– – Of an output exceeding 75 kW	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
– AC generators (alternators):					
8501.61.00	00A	No.	– – Of an output not exceeding 75 kVA	5	Free AAN Free CN Free TH Free TPA Free
8501.62.00	00F	No.	– – Of an output exceeding 75 kVA but not exceeding 375 kVA	5	Free AAN Free CN Free TH Free TPA Free
8501.63.00	00L	No.	– – Of an output exceeding 375 kVA but not exceeding 750 kVA	5	Free AAN Free CN Free TH Free TPA Free
8501.64.00	00E	No.	– – Of an output exceeding 750 kVA	5	Free AAN Free CN Free TH Free TPA Free

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**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.02</b>			<b>Electric generating sets and rotary converters:</b>		
			– Generating sets with compression-ignition internal combustion piston engines (diesel or semi-diesel engines):		
8502.11.00	00A	No.	-- Of an output not exceeding 75 kVA	5	Free AAN Free CN Free TH Free TPA Free
8502.12.00	00F	No.	-- Of an output exceeding 75 kVA but not exceeding 375 kVA	5	Free AAN Free CN Free TH Free TPA Free
8502.13.00	00L	No.	-- Of an output exceeding 375 kVA	5	Free AAN Free CN Free TH Free TPA Free
8502.20.00	00L	No.	– Generating sets with spark-ignition internal combustion piston engines	5	Free AAN Free CN Free TH Free TPA Free
			– Other generating sets:		
			-- Wind-powered:		
8502.31			---		
8502.31.10	00D	No.	--- Wind powered generating sets with an output of 10 kW or more	Free	Free
8502.31.90	00H	No.	--- Wind powered generating sets with an output of less than 10 kW	5	Free AAN Free CN Free TH Free TPA Free
8502.39.00	00E	No.	-- Other	5	Free AAN Free CN Free TH Free TPA Free
8502.40.00	00H	No.	– Electric rotary converters	5	Free AAN Free CN Free TH Free TPA Free
<b>85.03</b>			<b>Parts suitable for use solely or principally with the machines of heading 85.01 or 85.02:</b>		
8503.00			– Of motors:		
8503.00.01			-- Exceeding 373 W but not exceeding 55 kW	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01F	..	. . . . Of DC motors		
	09A	..	. . . . Other motors, including universal (AC/DC) motors		
8503.00.09			-- Other	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	01G	..	. . . . Of DC motors		
	09B	..	. . . . Other motors, including universal (AC/DC) motors		
8503.00.19			– Other	5	Free AAN Free CN Free TH Free TPA Free
	01B	..	. . . . Of DC generators		
	09H	..	. . . . Of generating sets with internal combustion piston engines		
	11K	..	. . . . Of rotary converters		
	19E	..	. . . . Other		

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**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
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articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.04</b>			<b>Electrical transformers, static converters (for example, rectifiers) and inductors:</b>		
8504.10			– Ballasts for discharge lamps or tubes:		
8504.10.01	00K	..	-- Having a rated input voltage exceeding 240 volts	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8504.10.09	00L	..	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Liquid dielectric transformers:		
8504.21.00	10J	No.	-- Having a power handling capacity not exceeding 650 kVA	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8504.22.00	10C	No.	-- Having a power handling capacity exceeding 650 kVA but not exceeding 10,000 kVA	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8504.23.00	10H	No.	-- Having a power handling capacity exceeding 10,000 kVA	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other transformers:		
8504.31			-- Having a power handling capacity not exceeding 1 kVA:		
8504.31.01	00A	..	--- Having a rated input voltage exceeding 240 volts	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8504.31.09	00B	..	--- Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

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**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Electrical transformers, static converters, etc.—continued</b>					
– Other transformers—continued					
8504.32			-- Having a power handling capacity exceeding 1 kVA but not exceeding 16 kVA:		
8504.32.01	10C	No.	--- Having a rated input voltage exceeding 240 volts	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8504.32.09	10D	No.	--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8504.33.00	10A	No.	-- Having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8504.34.00	10F	No.	-- Having a power handling capacity exceeding 500 kVA	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8504.40			– Static converters:		
8504.40.01			-- Battery chargers	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			. . . Having an output of less than 10 amperes for batteries not exceeding 12 volts:		
	01J	No.	. . . . For use with nickel cadmium batteries, sizes “AA”, “C”, “D” and 9 volt only		
	09D	No.	. . . . Other		
	19A	No.	. . . Other		
			-- Other:		
8504.40.11	00F	No.	--- Automotive rectifiers	Free	Free
8504.40.15	00A	. .	--- Separately presented power supply units for automatic data processing machines	Free	Free
8504.40.19	00G	No.	--- Other	5	Free AAN 1/2011 3 1/2012 Free CN Free TH Free TPA Free
8504.50.00	00H	No.	– Other inductors	5	Free AAN 1/2010 Free CN Free TH Free TPA Free

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**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Electrical transformers, static converters, etc.—continued</b>		
8504.90			— Parts:		
			— Of transformers:		
8504.90.01	00J	..	--- Having a rated input voltage exceeding 240 volts	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8504.90.09	00K	..	--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			— Of static converters:		
8504.90.11	00D	..	--- Of battery chargers	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			--- Other:		
8504.90.21	00K	..	---- Of automotive rectifiers	Free	Free
8504.90.29	00L	..	---- Other	5	Free AAN Free CN Free TH Free TPA Free
8504.90.39	00F	..	-- Other	5	Free AAN Free CN Free TH Free TPA Free
<b>85.05</b>			<b>Electro-magnets; permanent magnets and articles intended to become permanent magnets after magnetisation; electro-magnetic or permanent magnet chucks, clamps and similar holding devices; electro-magnetic couplings, clutches and brakes; electro-magnetic lifting heads:</b>		
			— Permanent magnets and articles intended to become permanent magnets after magnetisation:		
8505.11.00	00F	..	-- Of metal	Free	Free
8505.19.00	00B	..	-- Other	Free	Free
8505.20.00	00E	No.	— Electro-magnetic couplings, clutches and brakes	Free	Free
8505.90.00			— Other, including parts	Free	Free
	01J	No.	. . . Electro-magnets		
	09D	No.	. . . Electro-magnetic and permanent magnet chucks, clamps, vices and similar work holders		
	15J	No.	. . . Electro-magnetic lifting heads		
	19A	..	. . . Parts		
<b>85.06</b>			<b>Primary cells and primary batteries:</b>		
8506.10.00			— Manganese dioxide	Free	Free
			. . . Of an external volume not exceeding 300 cm <sup>3</sup>		
	10G	Cl	. . . . Alkaline		
	13A	Cl	. . . . Carbon zinc		
	15H	Cl	. . . . Other		
	19L	Cl	. . . Of an external volume exceeding 300 cm <sup>3</sup>		
8506.30.00			— Mercuric oxide	Free	Free
			. . . Of an external volume not exceeding 300 cm <sup>3</sup>		
	01E	Cl	. . . Of an external volume exceeding 300 cm <sup>3</sup>		
	09L	Cl	. . . Of an external volume exceeding 300 cm <sup>3</sup>		
8506.40.00			— Silver oxide	Free	Free
			. . . Of an external volume not exceeding 300 cm <sup>3</sup>		
	01J	Cl	. . . Of an external volume exceeding 300 cm <sup>3</sup>		
	09D	Cl	. . . Of an external volume exceeding 300 cm <sup>3</sup>		

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**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Primary cells and primary batteries—continued</b>					
8506.50.00	01B 09H	Cl Cl	– Lithium ... Of an external volume not exceeding 300 cm <sup>3</sup> ... Of an external volume exceeding 300 cm <sup>3</sup>	Free	Free
8506.60.00	01F 09A	Cl Cl	– Air-zinc ... Of an external volume not exceeding 300 cm <sup>3</sup> ... Of an external volume exceeding 300 cm <sup>3</sup>	Free	Free
8506.80.00	10B 19F	Cl Cl	– Other primary cells and primary batteries ... Of an external volume not exceeding 300 cm <sup>3</sup> ... Other	Free	Free
8506.90.00	00J	..	– Parts	Free	Free
<b>85.07</b>	<b>Electric accumulators, including separators therefor, whether or not rectangular (including square):</b>				
8507.10			– Lead-acid, of a kind used for starting piston engines: -- For use in the assembly of motor vehicles as may be determined by the Minister in accordance with Section 14 of this Act:		
8507.10.02	00L	No.	--- Of a kind used for motor cars (including station wagons and racing cars)	12.5 7/2009 10	AAN 1/2010 Free CA 2.5 7/2009 Free CN 12 1/2009 9.6 1/2010 7.2 1/2011 4.8 1/2012 2.4 1/2013 Free TH 7.5 1/2009 5 1/2010 Free TPA 7.5 1/2009 5 1/2010 Free
8507.10.05	00K	No.	--- Other	5	AAN 1/2011 3 1/2012 Free CA Free CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
8507.10.09			-- Other	5	AAN 1/2010 Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01C	No.	... For the passenger motor vehicles of heading 87.03: ... DIN batteries ... Other: ... With nominal dimensions, in millimetres, of:		
	12J	No.	... Length 180-200, Width 124-130, Terminal height 225-230		
	15C	No.	... Length 230-240, Width 125-135, Terminal height 205-230		
	19F	No.	... Length 208-260, Width 170-176, Terminal height 190-230		
	29C	No.	... Other		
	31E	No.	... Other: ... For motorcycles		
	41B	No.	... Other: ... With nominal dimensions, in millimetres, not exceeding: Length 260, Width 176, Terminal height 230		
	49H	No.	... Other		
8507.20.00	00A	No.	– Other lead-acid accumulators	5	AAN 1/2010 Free CA Free CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free

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**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Electric accumulators, including separators therefor, etc.—continued</b>		
8507.30.00	00E	No.	– Nickel-cadmium	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8507.40.00	00J	No.	– Nickel-iron	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8507.80.00			– Other accumulators	5	AAN 1/2011 3 1/2012 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01A 03H	No. No.	. . . Nickel metal hydride NiMH . . . Other		
8507.90.00	00G	..	– Parts	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>85.08</b>			<b>Vacuum cleaners:</b>		
			– With self-contained electric motor:		
8508.11.00	10H 19A	No. No.	– – Of a power not exceeding 1,500 W and having a dust bag or other receptacle capacity not exceeding 20 l . . . . Portable, hand-held . . . . Other	Free	Free
8508.19			– – Other:		
8508.19.01	00C	No.	– – – Commercial or industrial types	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8508.19.09	10A 19E	No. No.	– – – Other . . . . . Portable, hand-held . . . . . Other	Free	Free
8508.60.00	00D	No.	– Other vacuum cleaners	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8508.70			– Parts:		
8508.70.01	00D	..	– – Of commercial or industrial types	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8508.70.09	00E	..	– – Other	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.09</b>			<b>Electro-mechanical domestic appliances, with self contained electric motor, other than vacuum cleaners of heading 85.08:</b>		
8509.40			– Food grinders and mixers; fruit or vegetable juice extractors:		
8509.40.01	00A	No.	-- Food grinders	Free	Free
8509.40.09	00B	No.	-- Fruit or vegetable juice extractors	Free	Free
8509.40.19	00H	No.	-- Food mixers	Free	Free
8509.80			– Other appliances:		
8509.80.01	00F	No.	-- Food slicers	Free	Free
8509.80.09	00G	No.	-- Ancillary devices for food grinders and mixers	Free	Free
8509.80.19	10K	No.	-- Kitchen waste disposers	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8509.80.29	10E 19J	No. No.	-- Other . . . Floor polishers . . . Other	Free	Free
8509.90.00	10L	..	– Parts		The rates applicable to the appliance for which the parts have been designed. AAN 1/2012 Free
<b>85.10</b>			<b>Shavers, hair clippers and hair-removing appliances, with self-contained electric motor:</b>		
8510.10.00	00H	No.	– Shavers	Free	Free
8510.20			– Hair clippers:		
8510.20.01	00H	No.	-- Designed for clipping livestock	Free	Free
8510.20.09	00J	..	-- Other	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
8510.30.00	00E	No.	– Hair-removing appliances	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8510.90			– Parts:		
8510.90.01	00C	..	-- Blades, cutting plates and heads for electric shavers -- Other:	Free	Free
8510.90.11	00J	..	---- Of hair clippers designed for clipping livestock	Free	Free
8510.90.19	00K	..	---- Other	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
<b>85.11</b>			<b>Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines (for example, ignition magnetos, magneto-dynamos, ignition coils, sparking plugs and glow plugs, starter motors); generators (for example, dynamos, alternators) and cut-outs of a kind used in conjunction with such engines:</b>		
8511.10.00	00F	No.	– Sparking plugs	5	AAN 1/2011 3 1/2012 Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Electrical ignition or starting equipment of a kind, etc.—continued</b>					
8511.20.00	00K	. .	– Ignition magnetos; magneto-dynamos; magnetic flywheels	Free	Free
8511.30			– Distributors; ignition coils:		
8511.30.01	00K	No.	-- Distributors	5	AAN Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free GB Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
-- Ignition coils:					
--- For use in the assembly of motor vehicles as may be determined by the Minister in accordance with Section 14 of this Act:					
8511.30.12	00A	No.	---- For the passenger motor vehicles of heading 87.03, and other vehicles of heading 87.04 of a g.v.w. not exceeding 3,500 kg	12.5 7/2009 10	AAN Free CA Free CN 12 1/2009 9.6 1/2010 7.2 1/2011 4.8 1/2012 2.4 1/2013 Free TH 7.5 1/2009 5 1/2010 Free TPA 7.5 1/2009 5 1/2010 Free
8511.30.13	00H	No.	---- For the vehicles of headings 87.02 and 87.05, and road tractors of heading 87.01 and vehicles of heading 87.04 of a g.v.w. exceeding 3,500 kg but not exceeding 10,500 kg	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8511.30.15	00L	No.	---- For other vehicles exceeding 10,500 kg	Free	Free
8511.30.19	00F	No.	--- Other	5	AAN Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8511.40			– Starter motors and dual purpose starter-generators:		
8511.40.01	00C	No.	-- Starter motors	Free	Free
8511.40.09	00D	No.	-- Other	5	AAN Free CA Free CN Free GB Free TH Free TPA Free
8511.50.00	00L	No.	– Other generators	5	AAN 1/2010 Free CA Free CN Free GB Free TH Free TPA Free
8511.80.00	00A	. .	– Other equipment	Free	Free
8511.90.00	00E	. .	– Parts	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.12</b>			<b>Electrical lighting or signalling equipment (excluding articles of heading 85.39), windscreen wipers, defrosters and demisters, of a kind used for cycles or motor vehicles:</b>		
8512.10.00			– Lighting or visual signalling equipment of a kind used on bicycles	Free	Free
	01B	..	.. . . Dynamos or generators		
	09H	..	.. . . Other		
8512.20.00			– Other lighting or visual signalling equipment	5	AAN 1/2010 Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01F	..	.. . . Lighting equipment		
	09A	..	.. . . Other		
8512.30			– Sound signalling equipment:		
			– – Horns:		
8512.30.01	00H	..	– – – For bicycles	Free	Free
8512.30.18	00H	..	– – – Other	Free	Free
			– – Other:		
8512.30.21	00J	..	– – – For bicycles	Free	Free
8512.30.29	00K	..	– – – Other	5	AAN Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free GB 3.5 TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8512.40.00	00E	No.	– Windscreen wipers, defrosters and demisters	Free	Free
8512.90.00			– Parts	Free	Free
			.. . . Of lighting or signalling equipment:		
	01A	..	.. . . . Of dynamos, generators and horns for bicycles		
	09G	..	.. . . . Other, for bicycles; for motor vehicles		
	19D	..	.. . . . Other		
<b>85.13</b>			<b>Portable electric lamps designed to function by their own source of energy (for example, dry batteries, accumulators, magnetos), other than lighting equipment of heading 85.12:</b>		
8513.10.00			– Lamps	Free	Free
	01L	No.	.. . . Specially designed for use as miners' safety lamps		
			.. . . Other:		
	11H	No.	.. . . . Flashlights or torches		
	19C	No.	.. . . . Other		
8513.90.00			– Parts	Free	Free
	01K	..	.. . . Of miners' safety lamps		
			.. . . Other:		
	11G	..	.. . . . Of flashlights or torches		
	19B	..	.. . . . Other		
<b>85.14</b>			<b>Industrial or laboratory electric furnaces and ovens (including those functioning by induction or dielectric loss); other industrial or laboratory equipment for the heat treatment of materials by induction or dielectric loss:</b>		
8514.10.00	10H	..	– Resistance heated furnaces and ovens	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Industrial or laboratory electric furnaces and ovens, etc.—<i>continued</i></b>					
8514.20.00	10A	..	– Furnaces and ovens functioning by induction or dielectric loss	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8514.30.00	10E	..	– Other furnaces and ovens	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8514.40.00	00A	..	– Other equipment for the heat treatment of materials by induction or dielectric loss	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8514.90.00	10G	..	– Parts	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>85.15</b>	<b>Electric (including electrically heated gas), laser or other light or photon beam, ultrasonic, electron beam, magnetic pulse or plasma arc soldering, brazing or welding machines and apparatus, whether or not capable of cutting; electric machines and apparatus for hot spraying of metals or cermets:</b>				
– Brazing or soldering machines and apparatus:					
8515.11.00	00C	No.	-- Soldering irons and guns	5	Free AAN Free CN Free TH Free TPA Free
8515.19.00	10G	No.	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
– Machines and apparatus for resistance welding of metal:					
8515.21.00	10D	No.	-- Fully or partly automatic	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8515.29.00	10L	No.	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Electric (including electrically heated gas), laser or, etc.—continued</b>					
– Machines and apparatus for arc (including plasma arc) welding of metals:					
8515.31			– – Fully or partly automatic:		
8515.31.01	00G	..	– – – Plasma arc	Free	Free
8515.31.09			– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01F	..	. . . . Tungsten inert gas		
	09A	..	. . . . Metal inert gas		
	19J	..	. . . . Other		
8515.39			– – Other:		
8515.39.01	00C	..	– – – Plasma arc	Free	Free
8515.39.09			– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01B	..	. . . . Manual arc		
	09H	..	. . . . Tungsten inert gas		
	11K	..	. . . . Metal inert gas		
	19E	..	. . . . Other		
8515.80			– Other machines and apparatus:		
8515.80.01	00L	..	– – Resistance welding machines for welding plastics	Free	Free
8515.80.09			– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			. . . Electric or laser-operated welding machines and apparatus and similar machines and apparatus for cutting:		
	01K	..	. . . . Engine driven		
	09E	..	. . . . High-frequency welding machines for welding plastics		
	19B	..	. . . . Other		
	39G	..	. . . . Other		
8515.90			– Parts:		
8515.90.01	00D	..	– – Of soldering irons and guns	5	Free AAN Free CN Free TH Free TPA Free
8515.90.09	00E	..	– – Of plasma arc welding machines	Free	Free
8515.90.11	00K	..	– – Of resistance welding machines for welding plastics	Free	Free
8515.90.19			– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10H	..	. . . Of electric or laser-operated welding brazing or soldering machines and apparatus and similar machines for cutting		
	19A	..	. . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.16</b>			<b>Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; electro-thermic hair-dressing apparatus (for example, hair dryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electro-thermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45:</b>		
8516.10.00			– Electric instantaneous or storage water heaters and immersion heaters	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			. . . Instantaneous heaters:		
	01E	No.	. . . Domestic (not exceeding 10 kW input rating capacity)		
	09L	No.	. . . Other		
			. . . Storage water heaters:		
			. . . Non-domestic (capable of operating above 90° C):		
	11B	No.	. . . . For direct permanent connection		
	19H	No.	. . . . Other		
			. . . Other:		
	21K	No.	. . . . Not exceeding 10 kW input rating		
	23F	No.	. . . . Other		
	25B	No.	. . . Immersion heaters		
			– Electric space heating apparatus and electric soil heating apparatus:		
8516.21.00	00E	No.	– – Storage heating radiators	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8516.29			– – Other:		
8516.29.01	00H	No.	– – – Soil heating apparatus	Free	Free
8516.29.09	00J	No.	– – – Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Electro-thermic hair-dressing or hand-drying apparatus:		
8516.31.00	01G	No.	– – Hair dryers	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8516.32.00	00C	No.	– – Other hair-dressing apparatus	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8516.33.00	00H	. .	– – Hand-drying apparatus	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Electric instantaneous or storage water heaters and, etc.—continued</b>					
8516.40.00	00H	No.	– Electric smoothing irons	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8516.50.00	00A	No.	– Microwave ovens	Free	Free
8516.60			– Other ovens; cookers, cooking plates, boiling rings, grillers and roasters:		
8516.60.01			– – Domestic stoves and ranges	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
	01K	No.	. . . . Wall ovens		
	11G	No.	. . . . Benchtop ovens		
	21D	No.	. . . . Free-standing ranges		
	29K	No.	. . . . Other		
			– – Other:		
8516.60.11	00G	No.	– – – Coffee roasting appliances	Free	Free
8516.60.19			– – – Other	5	AAN 1/2011 3 1/2012 Free CA 1 CN 1/2010 3 1/2011 2 1/2012 Free TH 5 1/2010 Free TPA 5 1/2010 Free
	01F	No.	. . . . Cooktops		
	09A	No.	. . . . Other		
			– Other electro-thermic appliances:		
8516.71			– – Coffee or tea makers:		
8516.71.01			– – – Coffee makers, other than drip and percolator types	Free	Free
	01H	No.	. . . . Espresso/cappuccino type		
	09C	No.	. . . . Other		
8516.71.09	01J	No.	– – – Other	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8516.72.00	00H	No.	– – Toasters	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Electric instantaneous or storage water heaters and, etc.—continued</b> — Other electro-thermic appliances— <i>continued</i>		
8516.79			— Other:		
8516.79.01	00F	..	--- Perfume and incense heaters; heaters for diffusing insecticides	Free	Free
8516.79.09	00G	..	--- Automatic rice cookers	Free	Free
8516.79.19			--- Other	5	AAN 1/2010 Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01L	No.	. . . . . Food dehydrators		
	05C	No.	. . . . . Deep fryers		
	09F	..	. . . . . Other		
8516.80.00	00B	..	— Electric heating resistors	5	AAN Free CA 1 CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8516.90.00	00F	..	— Parts		The rates applicable to the appliance or apparatus for which the parts have been designed. AAN 1/2012 Free
<b>85.17</b>			<b>Telephone sets, including telephones for cellular networks or for other wireless networks; other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network), other than transmission or reception apparatus of heading 84.43, 85.25, 85.27 or 85.28:</b>		
			— Telephone sets, including telephones for cellular networks or for other wireless networks:		
8517.11.00			— Line telephone sets with cordless handsets . . . Incorporating line identification facilities for use with small business systems (SBS):	Free	Free
	10G	No.	. . . . . Systems dependent		
	13A	No.	. . . . . Other		
			. . . Other:		
	15H	No.	. . . . . Systems dependent		
	29H	No.	. . . . . Other		
8517.12.00			— Telephones for cellular networks or for other wireless networks	Free	Free
	10A	..	. . . Hand-held citizen band		
	13F	..	. . . Mobile telephones		
	15B	..	. . . Radio-telephones		
	19E	..	. . . Other		
8517.18.00			— Other . . . Incorporating line identification facilities for use with small business systems(SBS):	Free	Free
	10J	No.	. . . . . Systems dependent		
	13C	No.	. . . . . Other		
			. . . Other:		
	15K	No.	. . . . . Systems dependent		
	19B	No.	. . . . . Other		
			— Other apparatus for transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network):		
8517.61			— Base stations:		
8517.61.01	00D	No.	--- Transmission apparatus for radio-telephony or radio-telegraphy	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Telephone sets, including telephones for cellular, etc.—continued</b> — Other apparatus for transmission or reception of voice, etc.—continued — Base stations—continued		
8517.61.09			--- Other . . . . . For line telephony or line telegraphy	Free	Free
	10B	No.	. . . . . Telephonic		
	15C	..	. . . . . Other		
	19F	..	. . . . . Other		
8517.62			--- Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching or routing apparatus:		
8517.62.01	00J	..	--- Units of automatic data processing machines	Free	Free
8517.62.05	00D	..	--- Teleprinters	Free	Free
8517.62.09			--- Telephonic or telegraphic switching apparatus	Free	Free
	10G	No.	. . . . . Telephonic switching apparatus for small business systems (SBS) . . . . . Telephonic switching apparatus for private automatic branch exchanges (PABX):		
	13A	No.	. . . . . Not exceeding 50 line extensions		
	15H	No.	. . . . . Exceeding 50 line extensions but not exceeding 150 line extensions		
	17D	No.	. . . . . Exceeding 150 line extensions but not exceeding 500 line extensions		
	19L	No.	. . . . . Other		
	25E	No.	. . . . . Telephonic switching apparatus for public exchanges		
	29H	No.	. . . . . Other		
8517.62.15			--- Other apparatus, for carrier-current line systems or for digital line systems	Free	Free
			. . . . . Apparatus for carrier-current line systems:		
	10G	No.	. . . . . Bandwidth management equipment		
	13A	No.	. . . . . Modems		
			. . . . . Multiplexors:		
	15H	No.	. . . . . Pulse code modulation (PCM) not exceeding 2.5 Mbits/s		
	17D	No.	. . . . . Other		
	19L	No.	. . . . . Network terminating units		
	29H	No.	. . . . . Other		
			. . . . . Other:		
	35B	No.	. . . . . Telephonic		
	39E	No.	. . . . . Other		
			--- Transmission apparatus for radio-telephony or radio-teleggraphy:		
8517.62.19	00E	No.	---- Cordless microphones	Free	Free
8517.62.25	00E	..	---- Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8517.62.29	00L	..	---- Transmission apparatus incorporating reception apparatus, for radio-telephony or radio-teleggraphy	Free	Free
8517.62.39			--- Other apparatus	Free	Free
	10C	No.	. . . . . Telephonic		
	19G	..	. . . . . Other		
8517.69			--- Other:		
8517.69.01	00L	..	--- Radio-telephonic or radio-telegraphic weather-facsimile receivers	Free	Free
8517.69.05	00F	..	--- Other reception apparatus for radio-telephony, radio-teleggraphy or radio broadcasting	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8517.69.09			--- Other	Free	Free
			. . . . . Videophones:		
	10J	No.	. . . . . Colour		
	13C	No.	. . . . . Black and white or other monochrome		
			. . . . . Other apparatus:		
	19B	No.	. . . . . Telephonic		
	29K	..	. . . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Telephone sets, including telephones for cellular, etc.—continued</b>					
8517.70			— Parts:		
8517.70.01	00C	..	-- Of apparatus capable of connecting to an automatic data processing machine	Free	Free
			-- Of transmission and transmission-reception apparatus for radio-telephony or radio-telegraphy:		
8517.70.15	00D	..	---- Hand-held citizen band	Free	Free
8517.70.19	00K	..	---- Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			-- Of radio-telephonic or radio-telegraphic receivers:		
8517.70.25	00K	..	---- Of weather-facsimile receivers	Free	Free
8517.70.29	00E	..	---- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8517.70.39	10H 13B 15J 19A	..	-- Of other apparatus ... Of telephone sets ... Of other telephonic or telegraphic apparatus: ... Of private automatic branch exchanges (PABX) ... Other ... Other	Free	Free
<b>85.18</b>					
<b>Microphones and stands therefor; loudspeakers, whether or not mounted in their enclosures; headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers; audio frequency electric amplifiers; electric sound amplifier sets:</b>					
8518.10.00	03H 08J	No. ..	— Microphones and stands therefor ... Microphones ... Other	Free	Free
			— Loudspeakers, whether or not mounted in their enclosures:		
8518.21.00	00A	No.	-- Single loudspeakers, mounted in their enclosures	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8518.22.00	00F	No.	-- Multiple loudspeakers, mounted in the same enclosure	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8518.29.00	00H	No.	-- Other	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Microphones and stands therefor; loudspeakers, etc.—continued</b>					
8518.30			— Headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers:		
8518.30.01	00G	..	-- Headphones or earphones	Free	Free
8518.30.09	00H	..	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8518.40.00	00D	No.	— Audio-frequency electric amplifiers	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8518.50			— Electric sound amplifier sets:		
8518.50.01	00D	No.	-- Megaphones	Free	Free
8518.50.09	00E	No.	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8518.90			— Parts:		
			-- Of headphones, earphones and combined microphone/speaker sets:		
8518.90.01	00J	..	---- Of headphones or earphones	Free	Free
8518.90.09	00K	..	---- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			-- Other:		
8518.90.11			---- Of microphones and stands therefor	Free	Free
			..... Of microphones:		
	01B	..	..... Cordless		
	09H	..	..... Other		
	19E	..	..... Of stands		
			---- Of loudspeakers; of audio-frequency electric amplifiers:		
8518.90.21	00K	No.	---- Loudspeaker drive units not exceeding 65 mm frame diameter	Free	Free
8518.90.29	00L	..	---- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8518.90.31	00E	No.	---- Of megaphones	Free	Free
8518.90.39	00F	..	---- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.19</b>			<b>Sound recording or reproducing apparatus:</b>		
8519.20			– Apparatus operated by coins, banknotes, bank cards, tokens or by other means of payment:		
8519.20.01	00A	No.	– – Coin- or disc-operated record-players	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8519.20.09	00B	No.	– – Compact disc players	Free	Free
8519.20.19	00H	No.	– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8519.30.00			– Turntables (record-decks)	Free	Free
	10F	No.	. . . With automatic record changing mechanism		
	19K	No.	. . . Other		
8519.50.00	00F	No.	– Telephone answering machines	Free	Free
			– Other apparatus:		
8519.81			– – Using magnetic, optical or semiconductor media:		
			– – – Sound reproducing apparatus, not incorporating a sound recording device:		
8519.81.01	00H	No.	– – – – Transcribing machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– – – – Pocket-size cassette-players:		
8519.81.09	00J	No.	– – – – – Talking book-players for the blind	Free	Free
8519.81.19			– – – – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10A	No.	. . . . . Dictating reproducers		
	15B	No.	. . . . . Portable, only for use with headset		
	19E	No.	. . . . . Other		
			– – – – – Other, cassette type:		
8519.81.25	00D	No.	– – – – – Talking book-players for the blind	Free	Free
8519.81.29			– – – – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10G	No.	. . . . . Dictating reproducers		
	15H	No.	. . . . . Portable, only for use with headset		
	19L	No.	. . . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Sound recording or reproducing apparatus—continued</b>					
— Other apparatus—continued					
-- Using magnetic, optical or semiconductor media—continued					
--- Sound reproducing apparatus, not incorporating, etc.—continued					
---- Other:					
8519.81.35	00K	No.	----- Compact disc players	Free	Free
8519.81.39	00E	No.	----- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
--- Sound recording apparatus, whether or not incorporating a sound reproducing device:					
8519.81.45	00E	No.	---- Dictating machines not capable of operating without an external source of power	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8519.81.49			---- Other magnetic tape recorders incorporating sound reproducing apparatus	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
. . . . . Digital audio type:					
10H No. . . . . . Cassette type					
13B No. . . . . . Other					
15J No. . . . . . Other, cassette type					
19A No. . . . . . Other					
8519.81.59	00F	No.	---- Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8519.89			-- Other:		
8519.89.01			--- Record-players	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
10A No. . . . . Without loudspeaker					
19E No. . . . . Other					
8519.89.09	00E	No.	--- Transcribing machines	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8519.89.15	00E	No.	--- Tape transport mechanisms not incorporating equipment for reproducing or amplifying sound	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Sound recording or reproducing apparatus—continued</b>					
– Other apparatus—continued					
-- Other—continued					
8519.89.19	00L	No.	--- Cinematographic sound reproducers, not incorporating a sound recording device	5	AAN Free CA 4 CN Free TH Free TPA Free
8519.89.25	00L	No.	--- Cinematographic sound recording apparatus, and re-recording apparatus for cinematography, whether or not incorporating a sound reproducing device	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
8519.89.29	00F	No.	--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>85.21</b>	<b>Video recording or reproducing apparatus, whether or not incorporating a video tuner:</b>				
8521.10.00	00C	No.	– Magnetic tape-type	Free	Free
8521.90.00	00B	No.	– Other	Free	Free
<b>85.22</b>	<b>Parts and accessories suitable for use solely or principally with the apparatus of headings 85.19 to 85.21:</b>				
8522.10.00	00A	..	– Pick-up cartridges	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8522.90			– Other:		
8522.90.01	00G	..	-- Of cinematographic sound recorders and sound reproducers	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
			-- Other:		
8522.90.11	00B	..	--- Needles; sapphires, diamonds and rubies whether or not mounted	Free	Free
8522.90.19	00C	..	--- Other		The rates applicable to the apparatus for which the parts or accessories have been designed
					AAN 1/2012 Free
<b>85.23</b>	<b>Discs, tapes, solid-state non-volatile storage devices, “smart cards” and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37:</b>				
			– Magnetic media:		
8523.21.00			-- Cards incorporating a magnetic stripe	Free	Free
	10E	No.	... Unrecorded		
	19J	..	... Recorded		

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Discs, tapes, solid-state non-volatile storage devices, etc.—continued</b>		
			– Magnetic media—continued		
8523.29			– Other:		
8523.29.01			– – – Magnetic tapes, unrecorded	Free	Free
			. . . . . Of a width not exceeding 4 mm:		
	10H	No.	. . . . . Tape for use on automatic data processing machines		
			. . . . . Other:		
			. . . . . Audio tape:		
	13B	No.	. . . . . Digital		
	15J	No.	. . . . . Other		
	19A	No.	. . . . . Other		
			. . . . . Of a width exceeding 4 mm but not exceeding 6.5 mm:		
			. . . . . On open reel:		
	21C	m	. . . . . Tape for use on automatic data processing machines		
	23K	m	. . . . . Other		
			. . . . . Other:		
	25F	No.	. . . . . Videotape		
	27B	No.	. . . . . Tape for use on automatic data processing machines		
	29J	..	. . . . . Other		
			. . . . . Of a width exceeding 6.5 mm:		
			. . . . . On open reel:		
			. . . . . Videotape:		
	31L	No.	. . . . . Of a width exceeding 6.5 mm but not exceeding 13 mm		
	33G	No.	. . . . . Of a width exceeding 13 mm		
	35C	m	. . . . . Tape for use on automatic data processing machines		
	37K	..	. . . . . Other		
			. . . . . Other:		
	39F	No.	. . . . . Videotape		
	41H	No.	. . . . . Tape for use on automatic data processing machines		
	49C	..	. . . . . Other		
8523.29.09	00A	No.	– – – Magnetic discs, unrecorded	Free	Free
8523.29.15			– – – Magnetic tapes for reproducing phenomena other than sound or image, recorded	Free	Free
	10J	No.	. . . . . Of a width not exceeding 4 mm		
	15K	No.	. . . . . Of a width exceeding 4 mm but not exceeding 6.5 mm		
	19B	No.	. . . . . Of a width exceeding 6.5 mm		
			– – – Other magnetic tapes, recorded:		
8523.29.19	00G	..	– – – – Of a width not exceeding 4 mm	Free	Free
			– – – – Of a width exceeding 4 mm but not exceeding 6.5 mm:		
8523.29.25	00G	No.	– – – – – Videotape	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8523.29.29	00B	..	– – – – – Other	Free	Free
			– – – – – Of a width exceeding 6.5 mm:		
8523.29.35	00B	No.	– – – – – Videotape	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8523.29.39	00H	..	– – – – – Other	Free	Free
8523.29.49			– – – Other, recorded	Free	Free
	10L	..	. . . . . For reproducing phenomena other than sound or image		
			. . . . . Other:		
	13E	..	. . . . . Prepared media for sound (or similar) recording (other than discs or tapes)		
			. . . . . Sound (or similar) recorded media (other than discs or tapes):		
	15A	..	. . . . . Matrices		
	17H	..	. . . . . Other		
	19D	..	. . . . . Other		
8523.40			– Optical media:		
8523.40.01			– – Discs for laser reading systems, unrecorded	Free	Free
	10D	No.	. . . Recordable compact discs		
	19H	No.	. . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Discs, tapes, solid-state non-volatile storage devices, etc.—<i>continued</i></b> — Optical media— <i>continued</i>		
8523.40.09	10E 15F 19J	No. No. No.	— Discs for laser reading systems, recorded . . . . For reproducing phenomena other than sound or image . . . . For reproducing sound only . . . . Other	Free	Free
8523.40.19	10L 13E 15A 17H 19D 29A	No. . . . . .	— Other . . . . Unrecorded . . . . Recorded: . . . . For reproducing phenomena other than sound or image . . . . Prepared media for sound (or similar) recording (other than discs or tapes) . . . . Sound (or similar) recorded media (other than discs or tapes): . . . . . Matrices . . . . . Other . . . . . Other — Semiconductor media:	Free	Free
8523.51.00	00J	.	— Solid-state non-volatile storage devices	Free	Free
8523.52			— “Smart cards”:		
8523.52.01			— — “Smart cards” consisting only of a single electronic integrated circuit, and parts thereof	Free	Free
	10G 19L	No. No.	. . . . “Smart cards” consisting only of a single electronic integrated circuit . . . . Parts		
8523.52.09			— — — “Smart cards” consisting of two or more electronic integrated circuits, and parts thereof	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10H 19A	. .	. . . . . “Smart cards” consisting of two or more electronic integrated circuits, and parts thereof . . . . . Parts		
8523.59.00	10B 19F	. .	— Other . . . . Proximity cards and tags . . . . Other	Free	Free
8523.80.00	10B 13G 15C 17K 19F 23D 25L 29C	No. No. No. . . . . . .	— Other . . . . Unrecorded . . . . Gramophone records, recorded: . . . . . 33 r.p.m. . . . . . Other . . . . Other, recorded: . . . . . For reproducing phenomena other than sound or image . . . . . Prepared media for sound (or similar) recording (other than discs or tapes) . . . . . Sound (or similar) recorded media (other than discs or tapes): . . . . . Matrices . . . . . Other . . . . . Other	Free	Free
<b>85.25</b>			<b>Transmission apparatus for radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras, digital cameras and video camera recorders:</b>		
8525.50.00			— Transmission apparatus	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10H 15J 19A	. . .	. . . . Radio-broadcast . . . . Television-broadcast . . . . Other		
8525.60.00	10A 15B 19E	. . .	— Transmission apparatus incorporating reception apparatus . . . . Television translators . . . . Microwave repeater systems . . . . Other	Free	Free

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Transmission apparatus for radio-broadcasting or, etc.—continued</b>		
8525.80.00			– Television cameras, digital cameras and video camera recorders	Free	Free
	10J	No.	. . . Television cameras:		
	13C	..	. . . . Hand-held		
			. . . . Other		
			. . . Digital cameras, still image video cameras and other video camera recorders:		
	15K	No.	. . . . Hand-held		
	19B	..	. . . . Other		
<b>85.26</b>			<b>Radar apparatus, radio navigational aid apparatus and radio remote control apparatus:</b>		
8526.10.00	00D	..	– Radar apparatus	Free	Free
			– Other:		
8526.91.00	00H	..	-- Radio navigational aid apparatus	Free	Free
8526.92			-- Radio remote control apparatus:		
8526.92.01	00J	..	--- Specially designed for use with toys	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8526.92.09	00K	..	--- Other	Free	Free
<b>85.27</b>			<b>Reception apparatus for radio-broadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock:</b>		
			– Radio-broadcast receivers capable of operating without an external source of power:		
8527.12.00	00A	No.	-- Pocket-size radio cassette-players	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8527.13.00			-- Other apparatus combined with sound recording or reproducing apparatus	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01D	No.	. . . Mounted in cabinets		
	09K	No.	. . . Other		
8527.19			-- Other:		
8527.19.01			--- Portable radios, other than mantel radios	Free	Free
	01H	No.	. . . . Headphone radios		
	09C	No.	. . . . Other		
8527.19.09			--- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01J	No.	. . . . Mounted in cabinets		
	09D	No.	. . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Reception apparatus for radio-broadcasting, whether, etc.—continued</b>					
– Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles:					
8527.21.00	00L	No.	-- Combined with sound recording or reproducing apparatus	5	AAN 1/2020 Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8527.29.00	00G	No.	-- Other	5	AAN 1/2010 Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
– Other:					
8527.91.00			-- Combined with sound recording or reproducing apparatus	5	AAN 1/2011 3 1/2012 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8527.92.00	10C 19G	No. No.	. . . Mounted in cabinets . . . Other -- Not combined with sound recording or reproducing apparatus but combined with a clock	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8527.99.00	10H 19A	No. No.	. . . Mounted in cabinets . . . Other -- Other	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>85.28</b>			<b>Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus:</b>		
– Cathode-ray tube monitors:					
8528.41.00	00F	..	-- Of a kind solely or principally used in an automatic data processing system of heading 84.71	Free	Free
8528.49.00	10K 19C	No. No.	-- Other . . . Colour . . . Black and white or other monochrome	Free	Free
– Other monitors:					
8528.51.00	00K	..	-- Of a kind solely or principally used in an automatic data processing system of heading 84.71	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Monitors and projectors, not incorporating television, etc.—continued</b>					
– Other monitors—continued					
8528.59.00	10C 19G	No. No.	-- Other . . . . Colour . . . . Black and white or other monochrome	Free	Free
– Projectors:					
8528.61.00	00C	. .	-- Of a kind solely or principally used in an automatic data processing system of heading 84.71	Free	Free
8528.69.00	10G 19L	No. No.	-- Other . . . . Colour . . . . Black and white or other monochrome	Free	Free
– Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus:					
8528.71.00	10D 19H	No. No.	-- Not designed to incorporate a video display or screen . . . . Colour . . . . Black and white or other monochrome	Free	Free
8528.72.00	10J	No.	-- Other, colour . . . . Incorporating video recording or reproducing apparatus . . . . Other: . . . . Mounted in cabinets, with screen size:	Free	Free
	13C	No.	. . . . . Not exceeding 330 mm		
	15K	No.	. . . . . Exceeding 330 mm but not exceeding 360 mm		
	17F	No.	. . . . . Exceeding 360 mm but not exceeding 460 mm		
	19B	No.	. . . . . Exceeding 460 mm but not exceeding 510 mm		
	21D	No.	. . . . . Exceeding 510 mm but not exceeding 560 mm		
	23L	No.	. . . . . Exceeding 560 mm but not exceeding 660 mm		
	25G	No.	. . . . . Exceeding 660 mm but not exceeding 710 mm		
	29K	No.	. . . . . Exceeding 710 mm but not exceeding 760 mm		
	31A	No.	. . . . . Exceeding 760 mm but not exceeding 860 mm		
	33H	No.	. . . . . Exceeding 860 mm but not exceeding 900 mm		
	35D	No.	. . . . . Exceeding 900 mm but not exceeding 1000 mm		
	37L	No.	. . . . . Exceeding 1000 mm		
	41J	No.	. . . . . Other, with screen size: . . . . . Not exceeding 330 mm		
	43E	No.	. . . . . Exceeding 330 mm but not exceeding 360 mm		
	45A	No.	. . . . . Exceeding 360 mm but not exceeding 460 mm		
	47H	No.	. . . . . Exceeding 460 mm but not exceeding 510 mm		
	49D	No.	. . . . . Exceeding 510 mm but not exceeding 560 mm		
	51F	No.	. . . . . Exceeding 560 mm but not exceeding 660 mm		
	53B	No.	. . . . . Exceeding 660 mm but not exceeding 710 mm		
	55J	No.	. . . . . Exceeding 710 mm but not exceeding 760 mm		
	57E	No.	. . . . . Exceeding 760 mm but not exceeding 860 mm		
	59A	No.	. . . . . Exceeding 860 mm but not exceeding 900 mm		
	61C	No.	. . . . . Exceeding 900 mm but not exceeding 1000 mm		
	69J	No.	. . . . . Exceeding 1000 mm		
8528.73.00	10C 13H 15D	No. No. No.	-- Other, black and white or other monochrome . . . . Mounted in cabinets, with screen size: . . . . . Not exceeding 440 mm . . . . . Exceeding 440 mm but not exceeding 530 mm . . . . . Exceeding 530 mm	Free	Free
	17L	No.	. . . . . Other, with screen size: . . . . . Not exceeding 440 mm		
	19G	No.	. . . . . Exceeding 440 mm but not exceeding 530 mm		
	29D	No.	. . . . . Exceeding 530 mm		
<b>85.29</b>	<b>Parts suitable for use solely or principally with the apparatus of headings 85.25 to 85.28:</b>				
8529.10	– Aerials and aerial reflectors of all kinds; parts suitable for use therewith:				
– – Designed for use with radio-broadcast receivers:					
8529.10.01	00E	. .	– – – Electrically operated aerials and antennae for motor vehicles	Free	Free
8529.10.09	00F	. .	– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Parts suitable for use solely or principally with the, etc.—continued</b> — Aerials and aerial reflectors of all kinds; parts suitable, etc.—continued		
8529.10.19			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01K	..	. . . . . Designed for use with television-broadcast receivers		
	09E	..	. . . . . Other		
8529.90			— Other:		
			-- Parts of radio-broadcast receivers:		
8529.90.01	00D	..	--- Of portable radios, other than car radios, cassette radios and mantel radios	Free	Free
8529.90.09			--- Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01C	No.	. . . . . Cabinets		
	09J	..	. . . . . Chassis, dials, dial scales, dial mechanisms, radio-frequency units		
	11L	..	. . . . . High-fidelity tuning units		
	19F	..	. . . . . Other		
8529.90.11			-- Parts of television-broadcast receivers	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01H	No.	. . . . . Cabinets		
	09C	..	. . . . . Chassis and radio-frequency units		
	19L	..	. . . . . Other		
			-- Other:		
8529.90.29			--- Of transmission and transmission-reception apparatus	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01D	..	. . . . . Of television translators		
	10C	..	. . . . . Other		
8529.90.41			--- Of television cameras	Free	Free
	01D	..	. . . . . Hand-held		
	09K	..	. . . . . Other		
			--- Of radio navigational aid apparatus, radar and radio remote control apparatus:		
8529.90.51	00A	..	---- Of radio remote control apparatus for use with toys	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8529.90.59	00B	..	---- Other	Free	Free
8529.90.65	00B	..	--- Of display units of automatic data processing machines or networks	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Parts suitable for use solely or principally with the, etc.—continued</b> — Other— <i>continued</i> -- Other— <i>continued</i> --- Other		
8529.90.69				5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01F	..	. . . . . Of television receivers (other than -broadcast):		
	09A	..	. . . . . Colour		
	19J	..	. . . . . Black and white or other monochrome		
		..	. . . . . Other		
<b>85.30</b>			<b>Electrical signalling, safety or traffic control equipment for railways, tramways, roads, inland waterways, parking facilities, port installations or airfields (other than those of heading 86.08):</b>		
8530.10.00	00B	..	— Equipment for railways or tramways	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8530.80.00	00H	..	— Other equipment	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8530.90.00	00A	..	— Parts	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>85.31</b>			<b>Electric sound or visual signalling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading 85.12 or 85.30:</b>		
8531.10.00			— Burglar or fire alarms and similar apparatus	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01J	..	. . . Fire alarm systems		
	09D	..	. . . Other		
8531.20.00			— Indicator panels incorporating liquid crystal devices (LCD) or light emitting diodes (LED)	Free	Free
	10A	No.	. . . Security alarm control panels		
	90K	..	. . . Other		
8531.80.00			— Other apparatus	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10C	No.	. . . Security alarm control panels		
	30H	No.	. . . Alarm sirens, internal		
	50B	No.	. . . Alarm sirens, external		
	90A	..	. . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Electric sound or visual signalling apparatus, etc.—<i>continued</i></b>		
8531.90			– Parts:		
8531.90.01			– – Of indicator panels	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
	10C	..	. . . Security alarm control panels		
	90A	..	. . . Other		
8531.90.09			– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	11B	No.	. . . Dual technology sensors		
	31G	No.	. . . Passive infrared sensors		
	50C	..	. . . Of security alarms control panels		
	70H	..	. . . Of alarm sirens		
	90B	..	. . . Other		
<b>85.32</b>			<b>Electrical capacitors, fixed, variable or adjustable (pre-set):</b>		
8532.10.00	00J	..	– Fixed capacitors designed for use in 50/60 Hz circuits and having a reactive power handling capacity of not less than 0.5 kvar (power capacitors)	Free	Free
			– Other fixed capacitors:		
8532.21.00	00G	..	– – Tantalum	Free	Free
8532.22.00	00A	..	– – Aluminium electrolytic	Free	Free
8532.23.00	00F	..	– – Ceramic dielectric, single layer	Free	Free
8532.24.00	00L	..	– – Ceramic dielectric, multilayer	Free	Free
8532.25.00	00E	..	– – Dielectric of paper or plastics	Free	Free
8532.29.00	00C	..	– – Other	Free	Free
8532.30.00	00F	..	– Variable or adjustable (pre-set) capacitors	Free	Free
8532.90.00	00H	..	– Parts	Free	Free
<b>85.33</b>			<b>Electrical resistors (including rheostats and potentiometers), other than heating resistors:</b>		
8533.10.00	00G	No.	– Fixed carbon resistors, composition or film types	Free	Free
			– Other fixed resistors:		
8533.21.00	00E	No.	– – For a power handling capacity not exceeding 20 W	Free	Free
8533.29.00	00A	No.	– – Other	Free	Free
			– Wirewound variable resistors, including rheostats and potentiometers:		
			– – For a power handling capacity not exceeding 20 W:		
8533.31			– – – Rheostats and potentiometers	Free	Free
8533.31.01	00E	No.	– – – Rheostats and potentiometers	Free	Free
8533.31.09	00F	No.	– – – Other	Free	Free
8533.39			– – Other:		
8533.39.01	00A	No.	– – – Rheostats and potentiometers, for a power handling capacity less than 25 W	Free	Free
8533.39.09	00B	No.	– – – Other	Free	Free
8533.40			– Other variable resistors, including rheostats and potentiometers:		
8533.40.01	00D	No.	– – Rheostats and potentiometers	Free	Free
8533.40.09	00E	No.	– – Other	Free	Free
8533.90			– Parts:		
8533.90.01	00B	..	– – Of rheostats and potentiometers, other than of wirewound types, 25 W and above	Free	Free
8533.90.09	00C	..	– – Other	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.34</b>					
8534.00.00	01K 09E	No. No.	<b>Printed circuits</b> . For use with television-broadcast receivers or radio-broadcast receivers . Other	Free	Free
<b>85.35</b>					
			<b>Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, fuses, lightning arresters, voltage limiters, surge suppressors, plugs and other connectors, junction boxes), for a voltage exceeding 1,000 volts:</b>		
8535.10.00			– Fuses	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01A 09G 19D	No. No. No.	. . . Of plastics . . . Ceramic . . . Other		
			– Automatic circuit breakers:		
8535.21.00	00A	No.	– – For a voltage of less than 72.5 kV	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8535.29.00	00H	No.	– – Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8535.30.00			– Isolating switches and make-and-break switches	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			. . . Switches having a rated current carrying capacity:		
	01J 09D 19A	No. No. No.	. . . Not exceeding 35 amperes . . . Exceeding 35 amperes but not exceeding 100 amperes . . . Exceeding 100 amperes		
8535.40.00	00D	No.	– Lightning arresters, voltage limiters and surge suppressors	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8535.90			– Other:		
			– – Other apparatus for making and breaking electrical circuits:		
8535.90.01	00J	. .	– – – Starters for electric motors	5	AAN Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Electrical apparatus for switching or protecting, etc.—continued</b>		
			— Other— <i>continued</i>		
			— Other apparatus for making and breaking electrical circuits— <i>continued</i>		
8535.90.09			— — — Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01H	No.	. . . . Fuse switchgear		
	09C	No.	. . . . Relays and contactors		
	19L	..	. . . . Other		
			— — Apparatus for making connections to or in electrical circuits:		
8535.90.11	00D	..	— — — Sockets and plugs therefor; wire and cable connectors and the like	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8535.90.19	00E	No.	— — — Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8535.90.29	00L	..	— — Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>85.36</b>			<b>Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders and other connectors, junction boxes), for a voltage not exceeding 1,000 volts; connectors for optical fibres, optical fibre bundles or cables:</b>		
8536.10			— Fuses:		
8536.10.01			— — Having a rated capacity not exceeding 800 amperes for use in circuits not exceeding 660 volts	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01F	No.	. . . . Of plastics		
	09A	No.	. . . . Ceramic		
	19J	No.	. . . . Other		
8536.10.09			— — Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01G	No.	. . . . Of plastics		
	09B	No.	. . . . Ceramic		
	19K	No.	. . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Electrical apparatus for switching or protecting, etc.—continued</b>					
8536.20.00	00E	No.	– Automatic circuit breakers	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8536.30.00	00J	No.	– Other apparatus for protecting electrical circuits	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8536.41.00			– Relays: – – For a voltage not exceeding 60 V	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8536.49.00	01E 09L	No. No.	. . . Contactors . . . Other – – Other	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8536.50.00	01A 09G	No. No.	. . . Contactors . . . Other – Other switches	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01D 09K 19G	No. No. No.	. . . Switches for pressures exceeding 25 volts having a rated current carrying capacity: . . . Not exceeding 35 amperes . . . Exceeding 35 amperes but not exceeding 100 amperes . . . Exceeding 100 amperes . . . Switches for pressures not exceeding 25 volts having a rated current carrying capacity:		
	21J 29D	No. No.	. . . Not exceeding 35 amperes . . . Exceeding 35 amperes – Lamp-holders, plugs and sockets: – – Lamp-holders:		
8536.61			– – Lamp-holders:		
8536.61.01	00L	..	– – – For use on motor vehicles	Free	Free
8536.61.09	00A	..	– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8536.69.00	00L	..	– – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Electrical apparatus for switching or protecting, etc.—continued</b>		
8536.70			– Connectors for optical fibres, optical fibre bundles or cables:		
8536.70.01	00K	..	– – Of plastic	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8536.70.09			– – Of copper	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10H 19A	kg	. . . Cast, moulded, stamped or forged, but not further worked		
		kg	. . . Other		
8536.70.15	00L	..	– – Other	Free	Free
8536.90.00			– Other apparatus	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01J	No.	. . . Wire and cable connectors and the like		
			. . . Fuse switchgear:		
	11F	No.	. . . For pressures exceeding 660 volts		
	19A	No.	. . . Other		
	39F	..	. . . Other		
<b>85.37</b>			<b>Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 85.35 or 85.36, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of Chapter 90, and numerical control apparatus, other than switching apparatus of heading 85.17:</b>		
8537.10.00			– For a voltage not exceeding 1,000 V	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01H 09C	..	. . . Switchboards		
		..	. . . Other		
8537.20.00			– For a voltage exceeding 1,000 V	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01A 09G	..	. . . Switchboards		
		..	. . . Other		
<b>85.38</b>			<b>Parts suitable for use solely or principally with the apparatus of heading 85.35, 85.36 or 85.37:</b>		
8538.10.00	00H	..	– Boards, panels, consoles, desks, cabinets and other bases for the goods of heading 85.37, not equipped with their apparatus	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>Parts suitable for use solely or principally with the, etc.—continued</b>					
8538.90			— Other:		
			— — Of apparatus for making and breaking electrical circuits:		
8538.90.01	00C	..	— — — Of starters for electric motors	5	AAN 1/2010 Free CA Free CN 1/2009 3.9 1/2010 2.6 1/2011 1.3 1/2012 Free TH Free TPA Free
8538.90.09	00D	..	— — — Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			— — Of apparatus for protecting electrical circuits:		
			— — — Of fuses:		
8538.90.11	00J	..	— — — — Having a rated capacity not exceeding 800 amperes for use in circuits not exceeding 660 volts	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8538.90.19	00K	..	— — — — Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8538.90.29	00E	..	— — — Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			— — Other:		
			— — — Of lamp-holders:		
8538.90.31	00K	..	— — — — For use on motor vehicles	Free	Free
8538.90.39	00L	..	— — — — Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8538.90.41	00E	..	— — — Of sockets and plugs therefor; of wire and cable connectors and the like	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Parts suitable for use solely or principally with the, etc.—continued</b> — Other—continued -- Other—continued		
8538.90.49	00F	..	--- Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>85.39</b>			<b>Electric filament or discharge lamps, including sealed beam lamp units and ultra-violet or infra-red lamps;</b> arc-lamps:		
8539.10			— Sealed beam lamp units:		
8539.10.01	00B	No.	-- For mounting in vehicles	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
8539.10.09	00C	No.	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8539.21.00	00D	No.	— Other filament lamps, excluding ultra-violet or infra-red lamps: -- Tungsten halogen	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8539.22.00			-- Other, of a power not exceeding 200 W and for a voltage exceeding 100 V	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01G	No.	. . . Pear or similar shaped GLS lamps, 60 mm to 68 mm in diameter, 220/260 V, 25/150 W		
	11D	No.	. . . Candle shaped or fancy round GLS lamps, 32 mm to 48 mm in diameter, 220/260 V, 15/60 W		
	19K	No.	. . . Other		
8539.29.00	00L	No.	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8539.31.00	00H	No.	— Discharge lamps, other than ultra-violet lamps: -- Fluorescent, hot cathode	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Electric filament or discharge lamps, including sealed, etc.—continued</b> – Discharge lamps, other than ultra-violet lamps—continued		
8539.32.00	01L 05C 09F	No. No. No.	-- Mercury or sodium vapour lamps; metal halide lamps . . . Mercury vapour . . . Sodium vapour . . . Other	Free	Free
8539.39.00	01B 29B	No. No.	-- Other . . . Neon and similar gas discharge tubes . . . Other	Free	Free
8539.41.00	00A	No.	– Ultra-violet or infra-red lamps; arc-lamps: -- Arc-lamps	Free	Free
8539.49			-- Other:		
8539.49.10	00C	No.	--- Filament	5	AAN Free CA Free CN Free LDC 4 TH Free TPA Free
8539.49.90	00G	No.	--- Other	Free	Free
8539.90			– Parts:		
8539.90.01			-- Of filament (other than infra-red or ultra-violet) lamps and fluorescent tubes	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01K 09E	. . . .	. . . . Of filament lamps . . . . Of fluorescent tubes		
8539.90.09	00B	. .	-- Other	Free	Free
<b>85.40</b>			<b>Thermionic, cold cathode or photo-cathode valves and tubes (for example, vacuum or vapour or gas filled valves and tubes, mercury arc rectifying valves and tubes, cathode-ray tubes, television camera tubes):</b> – Cathode-ray television picture tubes, including video monitor cathode-ray tubes:		
8540.11.00	00D	No.	-- Colour	Free	Free
8540.12.00	00J	No.	-- Black and white or other monochrome	Free	Free
8540.20.00	00C	No.	– Television camera tubes; image converters and intensifiers; other photo-cathode tubes	Free	Free
8540.40.00	00L	No.	– Data/graphic display tubes, colour, with a phosphor dot screen pitch smaller than 0.4 mm	Free	Free
8540.50.00	00D	No.	– Data/graphic display tubes, black and white or other monochrome	Free	Free
8540.60.00	00H	No.	– Other cathode-ray tubes – Microwave tubes (for example, magnetrons, klystrons, travelling wave tubes, carcinotrons), excluding grid-controlled tubes:	Free	Free
8540.71.00	00F	No.	-- Magnetrons	Free	Free
8540.72.00	00L	No.	-- Klystrons	Free	Free
8540.79.00	00B	No.	-- Other	Free	Free
			– Other valves and tubes:		
8540.81.00	00K	No.	-- Receiver or amplifier valves and tubes	Free	Free
8540.89.00	00F	No.	-- Other	Free	Free
			– Parts:		
8540.91.00			-- Of cathode-ray tubes	Free	Free
	01A 09G	No. No.	. . . . Parts of television picture tubes . . . . Other		
8540.99.00	00K	No.	-- Other	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.41</b>			<b>Diodes, transistors and similar semiconductor devices; photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light emitting diodes; mounted piezo-electric crystals:</b>		
8541.10.00	00H	No.	– Diodes, other than photosensitive or light emitting diodes	Free	Free
			– Transistors, other than photosensitive transistors:		
8541.21.00	00F	No.	– – With a dissipation rate of less than 1 W	Free	Free
8541.29.00	00B	No.	– – Other	Free	Free
8541.30.00	00E	No.	– Thyristors, diacs and triacs, other than photosensitive devices	Free	Free
8541.40.00			– Photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light emitting diodes	Free	Free
	01G	No.	. . . Light emitting diodes		
	09B	No.	. . . Other		
8541.50.00	00B	No.	– Other semiconductor devices	Free	Free
8541.60			– Mounted piezo-electric crystals:		
8541.60.01	00B	No.	– – Of quartz	Free	Free
8541.60.09	00C	No.	– – Other	Free	Free
8541.90.00	00G	. .	– Parts	Free	Free
<b>85.42</b>			<b>Electronic integrated circuits:</b>		
			– Electronic integrated circuits:		
8542.31.00			– – Processors and controllers, whether or not combined with memories, converters, logic circuits, amplifiers, clock and timing circuits, or other circuits	Free	Free
			. . . Monolithic integrated circuits:		
			. . . . Digital:		
	10E	No.	. . . . . Metal oxide semiconductors (MOS technology)		
	13K	No.	. . . . . Circuits obtained by bipolar technology		
	15F	No.	. . . . . Other, including circuits obtained by a combination of bipolar and MOS technologies (BIMOS technology)		
	17B	No.	. . . . . Other		
	19J	No.	. . . Hybrid integrated circuits		
	29F	. .	. . . Other		
8542.32.00			– – Memories	Free	Free
			. . . Monolithic integrated circuits:		
			. . . . Digital:		
	10K	No.	. . . . . Metal oxide semiconductors (MOS technology)		
	13D	No.	. . . . . Circuits obtained by bipolar technology		
	15L	No.	. . . . . Other, including circuits obtained by a combination of bipolar and MOS technologies (BIMOS technology)		
	17G	No.	. . . . . Other		
	19C	No.	. . . Hybrid integrated circuits		
	29L	. .	. . . Other		
8542.33.00			– – Amplifiers	Free	Free
			. . . Monolithic integrated circuits:		
			. . . . Digital:		
	10D	No.	. . . . . Metal oxide semiconductors (MOS technology)		
	13J	No.	. . . . . Circuits obtained by bipolar technology		
	15E	No.	. . . . . Other, including circuits obtained by a combination of bipolar and MOS technologies (BIMOS technology)		
	17A	No.	. . . . . Other		
	19H	No.	. . . Hybrid integrated circuits		
	29E	. .	. . . Other		
8542.39.00			– – Other	Free	Free
			. . . Monolithic integrated circuits:		
			. . . . Digital:		
	10A	No.	. . . . . Metal oxide semiconductors (MOS technology)		
	13F	No.	. . . . . Circuits obtained by bipolar technology		
	15B	No.	. . . . . Other, including circuits obtained by a combination of bipolar and MOS technologies (BIMOS technology)		
	17J	No.	. . . . . Other		
	19E	No.	. . . Hybrid integrated circuits		
	29B	. .	. . . Other		
8542.90.00	10B	No.	– Parts	Free	Free

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.43</b>			<b>Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this Chapter:</b>		
8543.10.00	10A	..	– Particle accelerators	Free	Free
8543.20.00	00H	..	– Signal generators	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8543.30.00	00A	..	– Machines and apparatus for electroplating, electrolysis or electrophoresis	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8543.70			– Other machines and apparatus:		
8543.70.01			-- Electric fence energisers	Free	Free
	10K	..	... Battery operated		
	19C	..	... Other		
8543.70.09	00C	..	-- High- or intermediate-frequency amplifiers	Free	Free
8543.70.15	00C	..	-- Synchronisers	Free	Free
8543.70.19			-- Metal detectors	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10F	..	... Portable (hand-held)		
	19K	..	... Other		
8543.70.29			-- Other	5	AAN 1/2017 3 1/2020 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10A	..	... Graphic equalisers		
	15B	..	... Other mixing units, noise reduction units and musical effects pedals		
	19E	..	... Other		
8543.90			– Parts:		
8543.90.01	10G	..	-- Of particle accelerators	Free	Free
8543.90.09	00L	..	-- Of high- or intermediate-frequency amplifiers	Free	Free
8543.90.11	00E	..	-- Of synchronisers	Free	Free
8543.90.19	00F	..	-- Of metal detectors	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8543.90.21	00L	..	-- Of electric fence controllers	Free	Free
8543.90.25	00F	No.	-- Electronic microassemblies	Free	Free
8543.90.29			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01K	..	... Of graphic equalisers		
	10J	..	... Other		

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**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.44</b>			<b>Insulated (including enamelled or anodised) wire, cable (including co-axial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors:</b>		
			– Winding wire:		
8544.11			– – Of copper:		
8544.11.01			– – – Insulated only with lacquer or enamel (not fitted with connectors); mineral-insulated, metal-sheathed wire with copper conductors	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01A	kg	. . . . Insulated only with lacquer or enamel (not fitted with connectors)		
	09G	kg	. . . . Mineral-insulated, metal-sheathed wire with copper conductors		
8544.11.09	00D	kg	– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8544.19			– – Other:		
8544.19.01			– – – Insulated only with lacquer or enamel (not fitted with connectors); mineral-insulated, metal-sheathed wire with aluminium conductors	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01H	kg	. . . . Insulated only with lacquer or enamel (not fitted with connectors)		
	09C	kg	. . . . Mineral-insulated, metal-sheathed wire with aluminium conductors		
8544.19.09	00L	kg	– – – Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8544.20.00	01D	m	– Co-axial cable and other co-axial electric conductors	Free	Free
	09K	kg	. . . Fitted with connectors . . . Other		
8544.30			– Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships:		
			– – Of a kind used in vehicles:		
			– – – For use in the assembly of motor vehicles as may be determined by the Minister in accordance with Section 14 of this Act:		
8544.30.02			– – – – For the passenger motor vehicles of heading 87.03, and other vehicles of heading 87.04 of a g.v.w. not exceeding 3,500 kg	12.5 7/2009 10	AAN 1/2010 Free CA 7.5 7/2009 5 CN 12 1/2009 9.6 1/2010 7.2 1/2011 4.8 1/2012 2.4 1/2013 Free TH 7.5 1/2009 5 1/2010 Free TPA 7.5 1/2009 5 1/2010 Free
	01L	..	. . . . . Battery cable with connectors attached		
	09F	..	. . . . . Wiring harness and looms		
	19C	..	. . . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Insulated (including enamelled or anodised) wire, etc.—continued</b>		
			– Ignition wiring sets and other wiring sets of a kind used, etc.—continued		
			– – Of a kind used in vehicles—continued		
			– – – For use in the assembly of motor vehicles as may be, etc.—continued		
8544.30.05			– – – – For the vehicles of headings 87.02 and 87.05, and road tractors of heading 87.01 and vehicles of heading 87.04 of a g.v.w. exceeding 3,500 kg but not exceeding 10,500 kg	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	01K	..	. . . . . Battery cable with connectors attached		
	09E	..	. . . . . Wiring harness and looms		
	19B	..	. . . . . Other		
8544.30.08			– – – – For other vehicles exceeding 10,500 kg	Free	Free
	01J	..	. . . . . Battery cable with connectors attached		
	09D	..	. . . . . Wiring harness and looms		
	19A	..	. . . . . Other		
8544.30.09			– – – Other	5	AAN 1/2010 Free CA Free CN 1/2010 4 1/2011 2 1/2012 Free TH 4 1/2009 3 1/2010 Free TPA 4 1/2009 3 1/2010 Free
	01E	..	. . . . . Battery cable with connectors attached		
	09L	..	. . . . . Wiring harness and looms		
	19H	..	. . . . . Other		
8544.30.19	00B	kg	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			– Other electric conductors, for a voltage not exceeding 1,000 V:		
8544.42.00			– – Fitted with connectors	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
	10K	kg	. . . For a voltage not exceeding 80 V: . . . . . Mineral-insulated, metal-sheathed wire (other than winding wire) and cable with conductors of aluminium or copper . . . . . Other: . . . . . Communications cable:		
	13D	kg	. . . . . Multipair with solid conductors		
	15L	kg	. . . . . Other		
	17G	kg	. . . . . Other		
	19C	kg	. . . For a voltage exceeding 80 V but not exceeding 1,000 V: . . . . . Mineral-insulated, metal-sheathed wire (other than winding wire) and cable with conductors of aluminium or copper . . . . . Other: . . . . . Communications cable:		
	21E	kg	. . . . . Multipair with solid conductors		
	25H	kg	. . . . . Other		
	29L	kg	. . . . . Other		

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers,  
television image and sound recorders and reproducers, and parts and accessories of such  
articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Insulated (including enamelled or anodised) wire, etc.—continued</b> — Other electric conductors, for a voltage not exceeding, etc.—continued		
8544.49.00			-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			. . . For a voltage not exceeding 80 V:		
			. . . . Wire (other than winding wire) and cable insulated only with lacquer or enamel; mineral-insulated, metal-sheathed wire (other than winding wire) and cable with conductors of aluminium or copper:		
	10A	kg	. . . . . Insulated only with lacquer or enamel		
	13F	kg	. . . . . Mineral-insulated, metal-sheathed wire and cable with conductors of aluminium or copper		
			. . . . . Other:		
			. . . . . Communications cable:		
	15B	kg	. . . . . Multipair with solid conductors		
	17J	kg	. . . . . Multipair with flexible conductors		
	19E	kg	. . . . . Other		
	21G	kg	. . . . . Other		
			. . . For a voltage exceeding 80 V but not exceeding 1000 V:		
			. . . . Wire (other than winding wire) and cable insulated only with lacquer or enamel; mineral-insulated, metal-sheathed wire (other than winding wire) and cable with conductors of aluminium or copper:		
	23C	kg	. . . . . Insulated only with lacquer or enamel		
	25K	kg	. . . . . Mineral-insulated, metal-sheathed wire and cable with conductors of aluminium or copper		
			. . . . . Other:		
	27F	kg	. . . . . Multipair		
			. . . . . Other:		
			. . . . . With individual conductor wires of a diameter not exceeding 0.51 mm:		
	29B	kg	. . . . . Insulated with plastics		
	31D	kg	. . . . . Insulated with rubber		
	33L	kg	. . . . . Other		
			. . . . . Other:		
	35G	kg	. . . . . Insulated with plastics		
	37C	kg	. . . . . Insulated with rubber		
	39K	kg	. . . . . Other		
8544.60			— Other electric conductors, for a voltage exceeding 1,000 V:		
8544.60.01	00G	kg	-- Mineral-insulated, metal-sheathed wire (other than winding wire) and cable with conductors of aluminium or copper	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8544.60.09			-- Other	5	AAN 1/2010 Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
			. . . With copper conductors:		
	01F	kg	. . . . . Insulated with plastics		
	09A	kg	. . . . . Insulated with rubber		
	19J	kg	. . . . . Other		
			. . . Other:		
	21L	kg	. . . . . Insulated with plastics		
	29F	kg	. . . . . Insulated with rubber		
	39C	kg	. . . . . Other		
8544.70.00			— Optical fibre cables	Free	Free
	01B	..	. . . Fitted with connectors		
	09H	..	. . . Other		

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—continued**

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
<b>85.45</b>			<b>Carbon electrodes, carbon brushes, lamp carbons, battery carbons and other articles of graphite or other carbon, with or without metal, of a kind used for electrical purposes:</b>		
			– Electrodes:		
8545.11.00	00E	No.	-- Of a kind used for furnaces	Free	Free
8545.19.00			-- Other	Free	Free
	01K	No.	. . . . Welding		
	09E	No.	. . . . Arc-lamps		
	19B	No.	. . . . Other		
8545.20			– Brushes:		
8545.20.01	00L	. .	-- Automotive	Free	Free
8545.20.09	00A	. .	-- Other	Free	Free
8545.90.00	00K	. .	– Other	Free	Free
<b>85.46</b>			<b>Electrical insulators of any material:</b>		
8546.10.00	00J	No.	– Of glass	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8546.20			– Of ceramics:		
8546.20.01	00J	No.	-- Automotive	Free	Free
8546.20.09	00K	No.	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
8546.90			– Other:		
8546.90.01	00D	No.	-- Automotive	Free	Free
8546.90.09	00E	No.	-- Other	5	AAN Free CA Free CN 1/2009 4.2 1/2010 2.8 1/2011 1.4 1/2012 Free TH Free TPA Free
<b>85.47</b>			<b>Insulating fittings for electrical machines, appliances or equipment, being fittings wholly of insulating material apart from any minor components of metal (for example, threaded sockets) incorporated during moulding solely for purposes of assembly, other than insulators of heading 85.46; electrical conduit tubing and joints therefor, of base metal lined with insulating material:</b>		
8547.10.00	00G	. .	– Insulating fittings of ceramics		The rates applicable to the machine, appliance or equipment for which the insulating fittings have been designed AAN 1/2012 Free
8547.20.00	00L	. .	– Insulating fittings of plastic		The rates applicable to the machine, appliance or equipment for which the insulating fittings have been designed AAN 1/2012 Free
8547.90			– Other:		
8547.90.01	00B	kg	-- Electrical conduit tubing and joints therefor, of base metal lined with insulating material	Free	Free

\*Unless otherwise indicated, AU, LLDC, Pac and OPS (Other Preferential Sources—see page v) rates in the Preferential Tariff are Free.

**Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles—*continued***

Number	Statistical Key		Goods	Rates of Duty	
	Code	Unit		Normal Tariff	*Preferential Tariff
			<b>Insulating fittings for electrical machines, appliances, etc.—<i>continued</i></b> — Other— <i>continued</i>		
8547.90.09	00C	kg	-- Other		The rates applicable to the machine, appliance or equipment for which the insulating fittings have been designed  AAN 1/2012 Free
<b>85.48</b>			<b>Waste and scrap of primary cells, primary batteries and electric accumulators; spent primary cells, spent primary batteries and spent electric accumulators; electrical parts of machinery or apparatus, not specified or included elsewhere in this Chapter:</b>		
8548.10.00	00E	..	– Waste and scrap of primary cells, primary batteries and electric accumulators; spent primary cells, spent primary batteries and spent electric accumulators	Free	Free
8548.90.00			– Other	Free	Free
	10A	No.	.. Electronic microassemblies		
	19E	..	.. Other		
			* * *		

