

**ENERGY EFFICIENT ITEMS FOR THE SUSPENSION OF THE  
COMMON EXTERNAL TARIFF**

Description of Item (s)	Tariff Code
Perlite roof insulation	6806.20
Polystyrene roof insulation	3921.11
KOOL KAT Heat Shield coating	
Roof skylights-classified according to material of frame	
- metal	7308.30
- aluminium	7610100090
- wood	4418.10
Solar water pumping system	8413.81
-Accessories	8413.919
Flat plate solar collectors (Steel plate elements)	8419.90
-Panels	8541.40
Solar air heating systems	8516.29,7322.90
Solar power generating systems	8501.31-8501.34, 8501.61-8501.64
Solar low pressure steam systems	8402.11-8402.20.00, 8403.10
Accessories for solar driers	8421.91.1, 8421.91.9
(for centrifugal driers including clothes driers)	8419.90
(non-centrifugal driers)	8451.90
Solar water heaters (domestic)	8419.191
Solar water heaters (other)	8419.192
Solar water heating systems (domestic)	8419.191
Solar water heating systems (other)	8419.192
Solar water heating mounting accessories	8302.49 (metal)
Solar water heating mounting accessories	3925.909 (plastic)
Photovoltaic devices and accessories	8541.40 (panels)
Concentrating and pipe type solar collectors	
Solar pumps based on solar thermal and solar photovoltaic conversion Solar stills	8413.11-8413.82
Solar stills	8419.40
Desalination systems	8421.21
<b>Refrigeration</b>	
Air conditioning chillers with rotary screw compressors	8415.82
Absorption refrigeration equipment and materials utilizing solar energy	8418.29.10
Electric	8418.29.20
Waste heat	3825.69
LPG	2711.11-2711.19

LNG	2711.11
Kerosene oil (illuminating)	2710.192
Vapour absorption refrigeration systems	8418.29.10 (electric)
Vapour absorption refrigeration systems	8418.29.20 (solar non-electric)
Screw compressors	8414.80
Thermal storage air conditioning systems	8415.82
Hydrocarbon refrigerants	2903.11-2903.69
<b>Cars/vehicles</b>	
Air conditioning chillers with rotary screw compressors (cars)	8415.20
Absorption refrigeration equipment and materials utilizing solar energy	8418.29.10 (electric)
Absorption refrigeration equipment and materials utilizing solar energy	8418.29.20 (solar non-electric)
Kerosene oil	2710.19.10 (kerosene type jet fuel)
<b>Fuel cells</b>	
Hydrogen uninterrupted power supply systems	8504.4000.10
Commercial stationary hydrogen fuel cells	8501 (generator)
Hydrogen turbines	8411.81, 8411.82
Generators and accessories	8502.39
Generators and accessories (Parts)	8503
Hydrogen-fueling stations	8413.11
<b>Appliances</b>	
T8 fluorescent tubes	8539.31, 8539.39
T12 fluorescent tubes	8539.31, 8539.39
Dc fluorescent tubes	8539.31, 8539.39
<b>Wind Energy Systems</b>	
Windmills	8412.80
Parts of windmills	8412.90
Wind turbines, support accessories and equipment	8412.80
Tower propellers	
Devices which run on windmill	
<b>Biogas Systems</b>	
Bio-gas plants	
Bio-gas engines	8407
Bio-gas generators	8502.39
Biogas equipment, appliances and accessories	
<b>Bio-diesel</b>	
Ethanol fuel imports	2207.20
Extraction condensing turbines for cogeneration along with pressure boilers	8406.81, 8406.82
Waste recycling equipment and accessories	8479.82, 8479.90

	8419.89, 8419.90 (parts), 8421
<b>General</b>	
Mounting accessories	
-Metal	8302.49
-Plastic	3925.909
Dc water pumps	8413.81
Resistors	8533.10-8533.40
Led	8541.40
Capacitors	8532.10, 8532.21-30
Integrated circuits	8542.31-39
Diodes	8541.10
Inverter/chargers	8504.4000.90
Transformers	8504.21-34
Fuses	8535.10, 8536.10
Deep cycle batteries	8507.10, 8507.20
Coils (rotor)	8511.80
Dc duct fans	8414.80
Glass sheeting for windows	7004.20, 7004.90, 7005.10-7005.30
Plastic sheeting for windows	3921.90,
-Self adhesive	3919.10-3919.9090
Reflective panels	3919
Programmable thermostats	9032.10
Expanded metal sheeting	7314.50(steel)
(copper)	7419.99.90
(nickel)	7508.90.90
(aluminium)	7616.99.10
(zinc)	7907.00.90
Flat tempered glass	7007.11.10- 7007.19.00
Wielded water heater panels	8419.90
Aluminium angle with glove	7604.1000.90, 7604.2100.90
-Prepared for use in structure	7610.9090.90
Electric generators	8501, 8502
Pumps running on wind energy	8413
Data loggers	9031.80
Miscellaneous cabling	8544
Grounding equipment	
Wind vanes	9015.80
Anemometer	9015.80
Met mast computer equipment (wind measurement)	9015.80
Ground rods	
Magnetic cards for blades	8523.211, 8523.219
Shield wires for substation	
Transmission cables	8544
Permanent magnet alternator	8511.50

Breakers	8535.21, 8535.29, 8536.20
Current transformers	8504.31-34
Potential transformers	8504.31-34
Relays	8535.90, 8536.41-8536.49
Control panels	8537.10, 8537.20
Plcs	8537.10, 8537.20
Capacitor banks	8532.10-8532.30
Dc battery chargers	8504.4000.90
Battery meter	9030.33, 9030.39
Charge controller	9032.89
Dc auto transformer/battery equalizer	8504.31-8504.34
Ac/dc disconnects	8535.21, 8535.29, 8536.20 (circuit breaker)
-Switch	8535.30, 8536.50
Ac circuit breakers	8535.21, 8535.29, 8536.20
Dc circuit breakers	8535.21, 8535.29, 8536.20
Fuse-blocks	8547.10-90
Ground fault protection	8535, 8536
Lightning arrestors	8535.40, 8536.30
Hot stick (high voltage detector)	9030.33, 9030.39
High voltage gloves	4015.19
Voltage detector	9030.33, 9030.39
Multimeter	9030.31, 9030.32
Short and ground sets	
Harnesses	6307.90.90 (textile)
-Plastic	3926.90.90
-Leather	4205
Lanyards	6307.90.90 (textile)
-Metal	6217.10.00, 7326.90.90
-Plastic	3926.90.90
Cable guides	
Wind turbine aligning tools	8205.59
Mega ohm testing equipment	9030.33, 9030.39
Hydraulic torque wrenches	8467.89
Pumps	8413.11-8413.82,
-Hand and foot operated air pumps	8414.20
Pre-assembled ac/dc power panels- power distribution panels	8537.10, 8537.20
Ocean thermal energy conversion system (hydropower systems)	8410.11, 8410.12, 8410.13
Impellers/blades	
Shaft bearing (plain shaft other than for motor vehicle)	8483.30
(plain shaft for motor vehicle)	8708.99.90.20
Bearings	8482.10-8482.80, 8483.2010-8483.3090

Armature	8511.80
Variable speed drives	8504.4000.90 (electric)
Organic rankine cycle power systems	
Low inlet pressure small steam turbines	8406.10-8406.82
Tinted or reflective glass or shading films	3921.90, 3919.10-3919.90.90
Variable air volume (VAV) systems	
Caulking material	3214.10.90
Energy management and control systems (EMCS) for lighting, heating and cooling- - Energy Management System-9032.89, Energy Control System	8537.10, 8537.20
Energy efficient motors (power engines and motors)	8412.21-8412.80
(outboard motors)	8407.21
(electric motors)	8501.10-8501.53
Net metering equipment and accessories	9028.30 (electricity meter)
(parts)	9028.90
Boilers that meet standards of efficiency of 85% or greater	8402.11-8402.20, 8403.10
Agricultural, forestry, agro-industrial, industrial, municipal and urban waste conversion devices producing energy-	
Equipment for utilizing ocean waves energy	