Standard monocrystalline silicon solar module

eco-SST270-60M
eco-SST265-60M

eco solar photovoltaic module is designed for large electrical power equipments. Based on the technology of crystal silicon solar cells cultivated from modest and highest quality manufacturing facility, this module has superb durability to withstand regorous operating conditions

Using white tempered glass, EVA resin, and a weatherproof film along with an 50mm aluminum frame for extended outdoor use.

High-power module using 6 inch square single-crystal silicon solar cells above 15% module conversion efficiency.
Supplied with prefabricated cables and weather-proof plugs & integrated bypass diodes. Anti-reflection coating and back
surface field structure to improve cell

Certified to withstand a max surface load of 5.4kPa.
5 years limited product warranty
25 years power warranty

Specifications

Model	SST270-60M	SST265-60M
Peak Power (Pmpp)	270	265
Open Circuit Voltage (Voc)	38.3	38.2
Short Circuit Current (Isc)	9.07	8.98
Optimum Operating Voltage (Vmpp)	31.2	31.0
Optimum operating Current (Impp)	8.65	8.55
Module efficiency	16.63%	16.32%
Maximum system voltage [V]	1000	
Voltage temperature coefficient	-0.307%/K	
Current temperature coefficient	+0.039%/K	
Power temperature coefficient	-0.423%/K	
Series fuse rating [A]	20	
Cells	6X10 pieces monocrystalline solar cells series strings (156mmX156mm)	
Junction box	with 6 bypass diodes	
Cable	length 900 mm , 1X4 mm2	
Front glass	white toughened safety glass, 3.2 mm	
Cell encapsulation	EVA (Ethylene-Vinyl- Acetate)	
Back sheet	composite film	
Frame	anodised aluminium profile	
Dimensions	1690X1120X112mm (LxWxH)	
Weight	19.1kg	
Maximum surface load capacity	7200Pa	
Hail	maximum dameter of 25mm with impact speed of 23m/s (51.2mph)	
Temperature range	-40°C to + 85°C	

Electrical parameter under standard testing condition [STC]: 1000W/m^2, 25°C, A.M. 1.5
Specification are subject to change without notice

Certified in accordance with: IEC 61215:2005/04, UL 1703 - 3rd edition, VDE0126