Solar 600Wp

High Efficiency Solar Module

Solar Energy Generation System

KEY FEATURES
600 Wp High Power Output N-Type TOPCon Monocrystalline Cells Glass-to-Glass Bifacial Construction Up to 23.23% Module Efficiency 5400 Pa Snow Load Resistance 30 Year Power Warranty

ELECTRICAL SPECIFICATIONS	
Power Output	590 / 595 / 600 Wp
Power Tolerance	0 / +5 W Up to
Module Efficiency	23.23% 44.56 –
Open Circuit Voltage (Voc)	44.77 V 18.37 –
Short Circuit Current (Isc)	18.55 A 37.20 –
Voltage at Max Power (Vmp)	37.50 V 15.86 –
Current at Max Power (Imp)	16.00 A

MECHANICAL SPECIFICATIONS	
Module Dimensions	2278 × 1134 × 30 mm
Weight	32.1 kg
Cell Type	N-Type TOPCon, 144 Cells
Front Glass	Tempered Anti■Reflective Glass
Rear Glass	Tempered Glass (Glass■Glass)
Frame	Anodized Aluminum
Junction Box	IP68 Rated, 3 Bypass Diodes

SYSTEM RATINGS	
Maximum System Voltage	1500 V DC
Max Series Fuse Rating	30 A

Operating Temperature	-40°C to +85°C
Snow Load	5400 Pa 2400
Wind Load	Pa 70% ± 5%
Bifaciality	

WARRANTY	
Product Warranty	12 Years
Power Warranty	30 Years
Year 1 Output	≥ 98%
Annual Degradation	≤0.4% per year
Year 30 Output	≥87.4%