



Poly 156.75mm 5BB Full-cell Solar Panels - 72 Cells

Item No.: STP6-XXX/72

【Product description】

Assembled with multi-busbar cells, the full-cell configuration of the modules offers the advantages of higher power output, better temperature-dependent performance, reduced shading effect on the energy generation

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Description

Electrical Characteristics

Module Type	STP6-325/72	STM-330/72	STM-335/72	STM-340/72	STM-345/72	STM-350/72	STM-355/72
Maximum Power (Pmax)	325W	330W	335W	340W	345W	350W	355W
Maximum Power Voltage (Vmp)	38.02V	38.02V	38.29V	38.55V	38.76V	38.97V	39.22V
Maximum Power Current (Imp)	8.55A	8.68A	8.75A	8.82A	8.9A	8.98A	9.05A
Open-circuit Voltage (Voc)	46.15V	46.20V	46.23V	46.62V	46.86V	47.43V	47.62V
Short-circuit Current (ISC)	9.24A	9.35A	9.37A	9.41A	9.50A	9.58A	9.62A
Module Efficiency STC (%)	16.75	17.01	17.26	17.52	17.78	18.03	18.30
Power Tolerance	0-+5W	0-+5W	0-+5W	0-+5W	0-+5W	0-+5W	0-+5W

STC:  Irradiance 1000W/m²



Cell Temperature 25±2°C



AM=1.5

Mechanical Characteristics

Cell Type	Poly-crystalline 156.75*156.75mm (6 inch)
No. of Cells	72 (6*12)
Dimensions	1956*992*40mm (77.00*39.05*1.57 inch)
Weight	21.0kgs (46.3 lbs.)
Front Glass	3.2mm High Transmission Low Iron Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output cables	4mm ² cable, length : 1200mm or customized
Connector	MC4 Compatible
Hailstone Impact Test	80Km/h for 25mm ice ball

Thermal Characteristics

Nominal Operating Cell Temperature	45±2°C
Temperature coefficients of Pmax	-0.36%/°C
Temperature coefficients of Voc	-0.26%/°C
Temperature coefficients of Isc	+0.04%/°C

Packing Configuration

Container	40' HQ
Pieces Per Pallet	27/5
Pallets Per CNTR.	24/12
Pieces Per CNTR.	708

Maximum Rating

Operating temperature	-40-+85°C
Max System Voltage (IEC)	1500VDC
Max System Voltage (BIS)	1500VDC
Max Series Fuse Rating	15A

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