

TECHNICAL SPECIFICATIONS

72 CELL SOLAR PV MODULE - MONO PERC



EXCELLENT LOADING
CAPACITY



OUTSTANDING PERFORMANCE
UNDER LOW IRRADIANCE

MECHANICAL CHARACTERISTICS

Cell Type	Mono PERC 156.75 x 156.75mm (6.17 inches)	
No of Cells	72 (6x12)	
Dimensions	1976x991x35mm (77.795x39.01x1.37inch)	
Weight	22.5 kg (51.80 lbs.)	
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass	
Frame	Anodized Aluminium Alloy	
Junction Box	IP67 Rated	
Output Cables	4.0Sqmm, Length: 1200mm	
Connector	MC4 Compatible	
Maximum Snow Load	550Kg/m ²	
Maximum wind Load	200Km/h	
Hailstone Impact Test	80Km/h for 25mm ice ball	

PACKAGING CONFIGURATION

Container	20' GP	40' GP
Pieces / Pallet	25	25
Pallets / Container	10	22
Pieces / Container	250	550

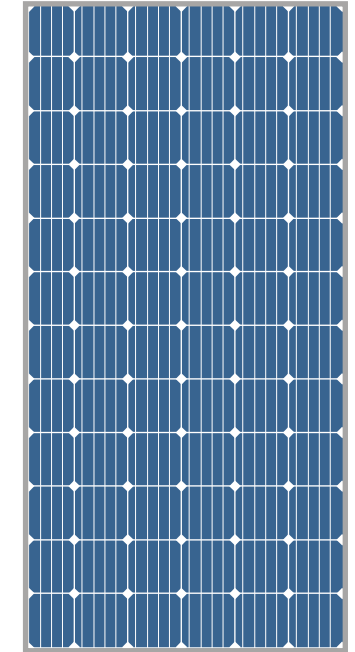
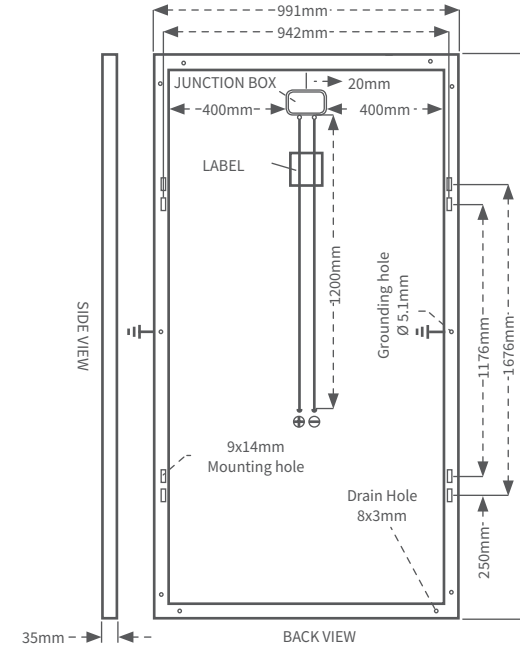
72 CELL MONO PERC SOLAR PV MODULES - ELECTRICAL CHARACTERISTICS

Model No	PSS-24360	PSS-24365	PSS-24370	PSS-24375	PSS-24380
Wattage Wp	360	365	370	375	380
Voltage at Max Power, Vmax	38.18	38.42	38.66	38.90	39.90
Open circuit Voltage, Voc	45.92	46.16	46.40	46.64	47.98
Current at Max Power, Imax	9.43	9.50	9.57	9.64	9.72
Short Circuit Current, Isc	10.01	10.09	10.16	10.24	10.32
Fill factor	78.29	78.37	78.45	78.54	78.80
Module Efficiency	18.57	18.83	19.09	19.35	19.58
Operating Temperature (°C)	-40°C ~ +85°C		Temperature Co-efficients of Pmax		-0.41%/°C
Maximum System Voltage	1000/1500VDC (IEC)		Temperature Co-efficients of Vmax		-0.33%/°C
Maximum series fuse rating	20A		Temperature Co-efficients of Isc		+0.03%/°C
Power Tolerance	(0, +5)		Nominal operating cell temperature (NOCT)		45+-2°C

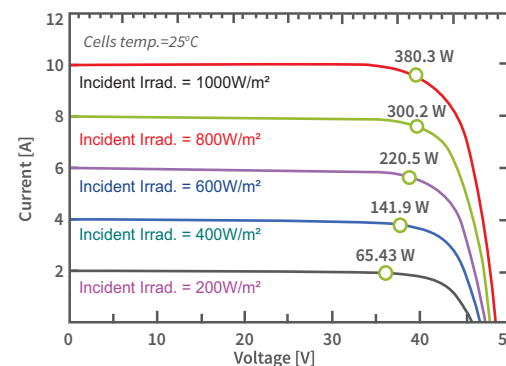
STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM = 1.5

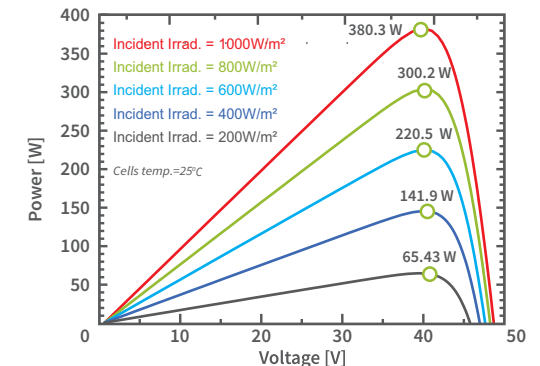


PV Module : PREMIER PSS-24380



Current - Voltage curves

PV module : PREMIER PSS-24380



Power - Voltage curves