

# TECHNICAL SPECIFICATIONS

## 72 CELL SOLAR PV MODULE - POLY CRYSTALLINE

25  
YEARS

LINEAR POWER  
OUTPUT WARRANTY

25  
YEARS

PROVEN EXPERIENCE

### MECHANICAL CHARACTERISTICS

Cell Type	Poly-crystalline 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	4.0Sqm, Length: 1200mm	
Connector	MC4 Compatible	
Maximum Snow Load	550Kg/m <sup>2</sup>	
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

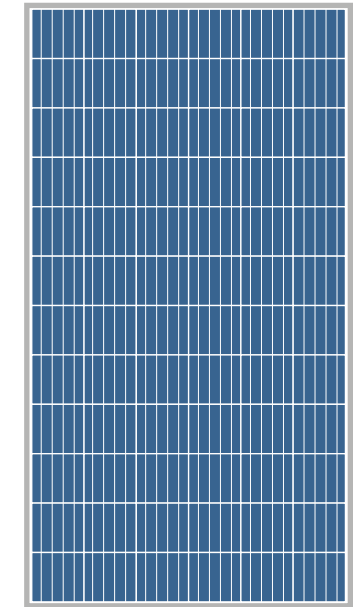
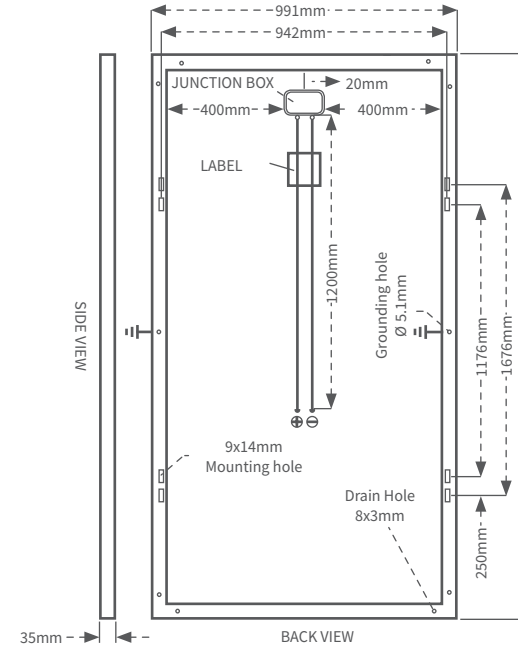
### 72 CELL POLY CRYSTALLINE SOLAR PV MODULES - ELECTRICAL CHARACTERISTICS

Model No	PSS-24320	PSS-24325	PSS-24330	PSS-24335
Wattage Wp	320	325	330	335
Voltage at Max Power, V <sub>mp</sub>	37.28	37.39	37.35	37.50
Open circuit Voltage, V <sub>oc</sub>	46.12	46.38	45.40	45.56
Current at Max Power, I <sub>mp</sub>	8.59	8.70	8.84	8.93
Short Circuit Current, I <sub>sc</sub>	9.09	9.17	9.40	9.50
Fill factor	76.33	76.42	76.50	76.59
Module Efficiency	16.41	16.67	16.90	17.10
Operating Temperature (°C)	-40°C ~ +85°C	Temperature Co-efficients of P <sub>max</sub>		-0.41%/°C
Maximum System Voltage	1000/1500VDC (IEC)	Temperature Co-efficients of V <sub>max</sub>		-0.33%/°C
Maximum series fuse rating	20A	Temperature Co-efficients of I <sub>sc</sub>		+0.03%/°C
Power Tolerance	(0, +5)	Nominal operating cell temperature (NOCT)		45±2°C

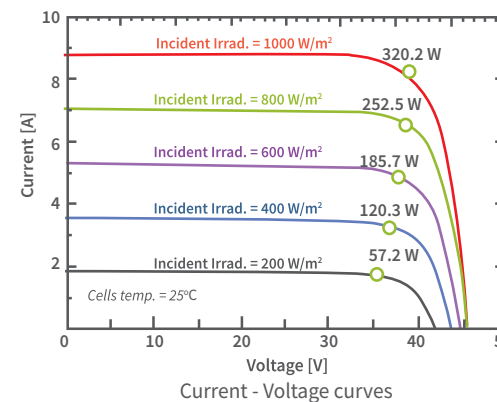
STC: Irradiance 1000W/m<sup>2</sup>

Cell Temperature 25°C

AM = 1.5



PV Module : PREMIER PSS-24320



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