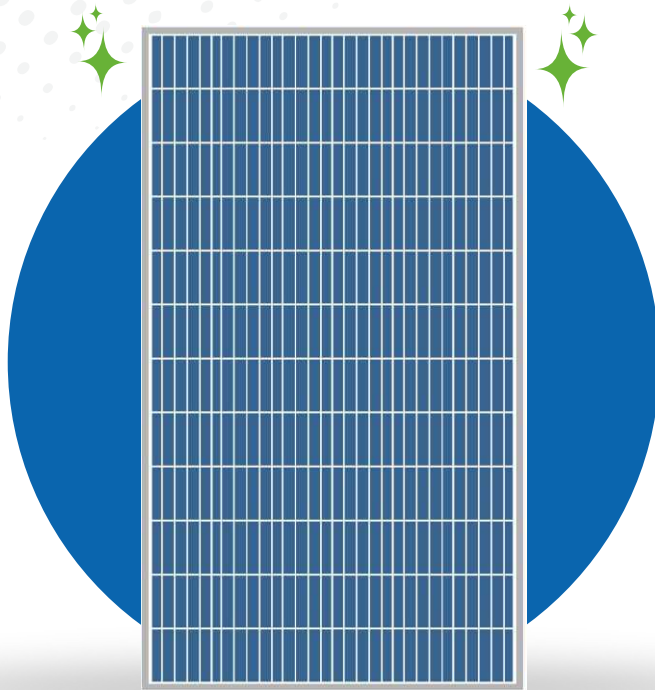




72 CELL SOLAR PV MODULES

POLY CRYSTALLINE



TRANSITION TO A BRIGHTER TOMORROW

- Based on 157mm wafer, best choice for ultra-large power plant
- Advanced module technology delivers superior module efficiency
 - Polycrystalline Cells
 - Smart Soldering
 - 5BB, Full Cells
- ARC Coated, High Transmission Glass for Higher Energy Yield
- High Module Quality Ensures Long-Term Reliability

HIGH PERFORMANCE GUARANTEE!

25 YEARS WARRANTY FOR
LINEAR POWER OUTPUT

10 YEARS PRODUCT
WARRANTY



SMBB TECHNOLOGY

Better light trapping and current collection to improve module power output and reliability



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control



Higher Power Output

Module power increases 5-25% generally, bringing significantly lower LCOE & higher IRR



Enhanced Mechanical Load

Certified to withstand wind load (2400 Pascal) and snow load (5400 Pascal)

IDEAL FOR



Residential



Commercial



Utility



Off-grid

CERTIFICATION

IEC 62804 (PID) | IEC 61701 (Salt Mist) | IEC 61726 (Ammonia) | IEC 62782 (DMLT)

IEC 61853-1 & 2 (Panfile & IAM) | IEC 60068 (Sand & Dust) | IEC 61215

IEC 61730 | UL 61730



72 CELL SOLAR PV MODULES

POLY CRYSTALLINE

MECHANICAL CHARACTERISTICS	
Cell Type	Poly-crystalline 157x157 (6.17 inches)
No of Cells	72 (6x12)
Dimensions	1986x100x35mm
Weight	21.5 kg
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 ²
Maximum wind Load	200Km/h
Hailstone Impact Test	80Km/h for 25mm ice ball

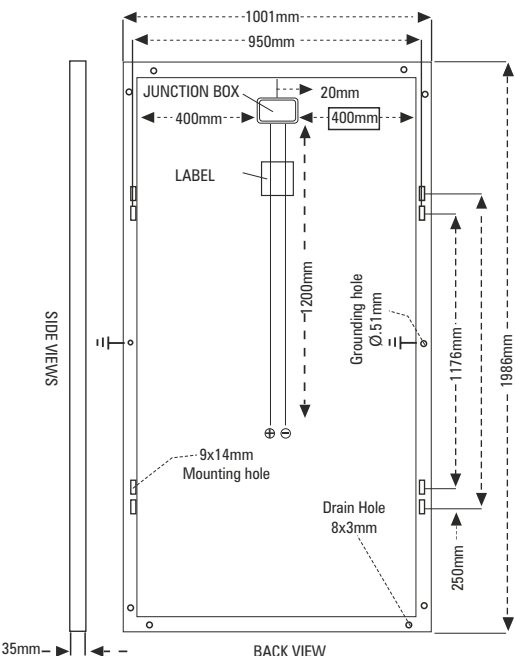
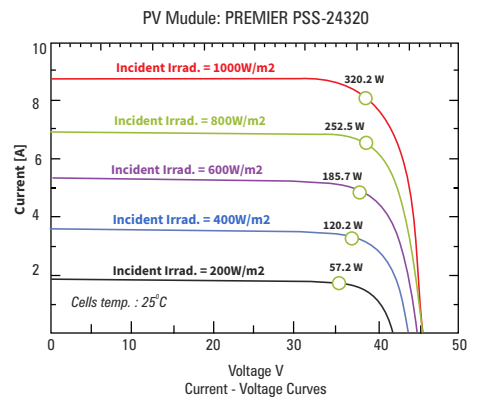
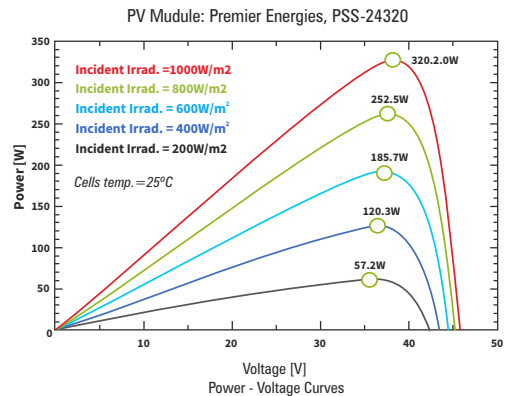
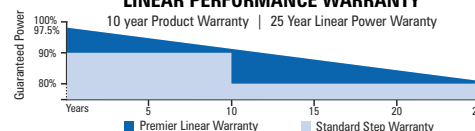
PACKAGING CONFIGURATION		
Container	19' GP	32' GP
Pieces/ Pallet	31	31
Pallets/ Container	10	18
Pieces/ Container	310	558

72 CELL POLY CRYSTALLINE SOLAR PV MODULES- ELECTRICAL CHARACTERISTICS				
Model No	PSS-24325	PSS-24330	PSS-24335	PSS-24340
WattageWp	325	330	335	340
Voltage at Max Power, Vmax	38.00	38.03	38.06	38.09
Open circuit Voltage, Voc	45.50	45.53	45.56	45.59
Current at Max Power, Imax	8.55	8.68	8.80	8.93
Short Circuit Current, Isc	9.07	9.22	9.35	9.48
Fill factor	78.75	78.61	76.50	76.59
Module Efficiency	16.35	16.67	16.85	17.10
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	15A	Temperature Co-efficients of Isc		-0.33%/°C
Power Tolerance	(0, +5)	Nominal operating cell temperature (NOCT)		45 ± 2°C

STC: Irradiance 1000W/m² Cell Temperature 25°C AM = 1.5

WARRANTY

MODULES	LINEAR PERFORMANCE WARRANTY
10 Years Limited Product Warranty	10 year Product Warranty 25 Year Linear Power Warranty
25 Years Limited Power Output Warranty	
90% at the end of 10 Years	
80% at the end of 25 Years	



25 YEARS LINEAR POWER
OUTPUT WARRANTY

25 YEARS PROVEN
EXPERIENCE

DURABILITY

For more details, please contact:

PREMIER ENERGIES PHOTOVOLTAIC PVT. LTD.
sales@premierenergies.com | premierenergies.com

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