

Transforming the power of sun



POLYCRYSTALLINE
SOLAR PV MODULES

72 CELLS

325-335W_p POWER OUTPUT RANGE

HIGH EFFICIENCY

POSITIVE POWER TOLERANCE*



5 Busbar Solar Cell

5 busbar cell design improves module efficiency and offers better power output



Outstanding Durability

With its reinforced frame design, our modules can endure front load of up to 5400 Pa and rear load of up to 2400 Pa to withstand heavy wind & snow loads



High Power Output

Our PV modules are compact in size and have been designed to deliver enhanced output and efficiency



Better Performance in High Temperature

Our PV modules deliver efficient performance even in high temperature conditions due to its improved temperature coefficient



Low Light performance

Advanced glass and cell surface texture design ensures excellent performance in low light environment



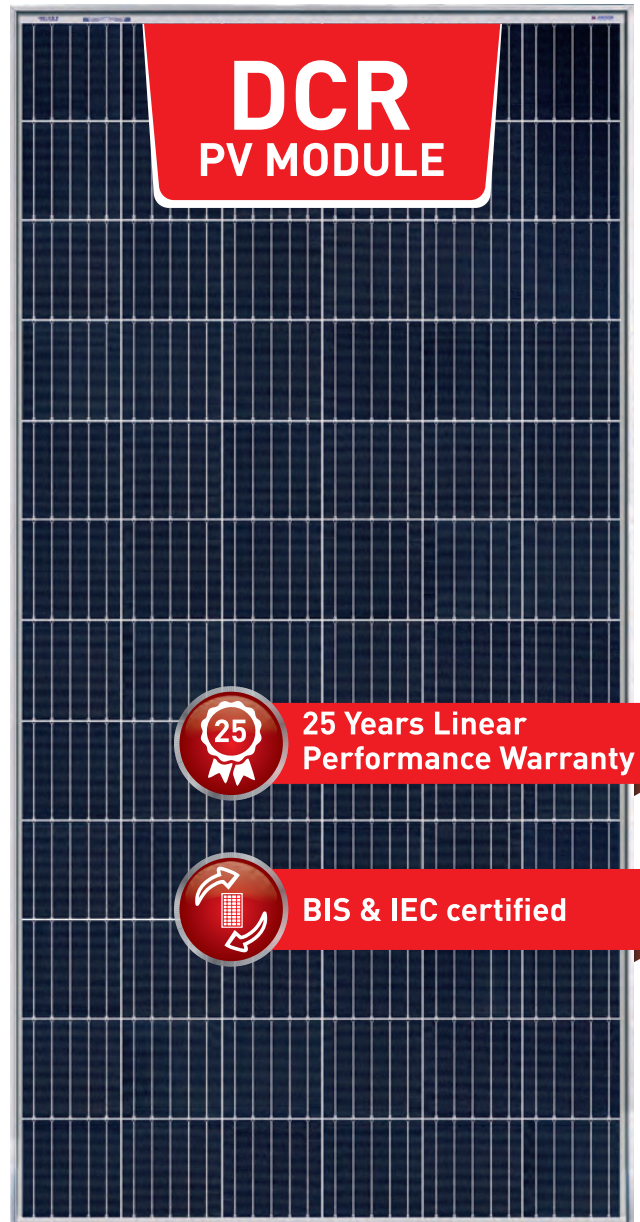
Enhanced Performance

Our PV modules provide more than 80% power output even after 25 years of operation



Global Certifications

IEC 61215, IEC 61730 (I & II),
BIS Certified - IS 14286



*Positive Power Tolerance of 0 to 4.99W

Technical Specifications

Module Type	JPH-24X325		JPH-24X330		JPH-24X335	
	STC	NOCT	STC	NOTC	STC	NOTC
Maximum Power (Pmax)	325	242	330	246	335	249
Maximum Power Voltage (Vmp)	37.2	34.11	37.25	34.28	37.70	34.58
Maximum Power Current (Imp)	8.76	7.10	8.86	7.18	8.89	7.20
Open-circuit Voltage (Voc)	45.9	42.65	45.94	42.68	46.10	42.83
Short-circuit Current (Isc)	9.25	7.49	9.41	7.62	9.45	7.65
Module Efficiency STC (%)	16.75		17.01		17.26	

* Under Standard Test Conditions (STC) of 1000 W/m² irradiance, AM 1.5 spectrum and 25°C cell temperature.
NOCT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1m/s

Mechanical Data

Solar Cells	Polycrystalline 156.75 x 156.75 mm (Indian Made Cell)
Cell Orientation	72 Cells (6x12)
Module Dimensions	1960 x 990 x 35 mm
Weight	22.5 kg
Glass	3.2 mm, High Transmission, AR Coated Tempered Glass
Backsheet	Composite film
Cell Encapsulation	EVA-Ethylene Vinyl Acetate
Frame	Anodized Aluminium Alloy (40mm also available)
J-Box	IP 67 with 3 bypass diodes
Cables	Cable 4.0 mm ² , 1200 mm
Connector	MC4 Compatible
Application Type	Class-A (Safety Class-II)

Temperature Ratings

Nominal Operating Cell Temperature (NOCT)	44°C (±2°C)
Temperature Coefficient of P _{MAX}	-0.39%/°C
Temperature Coefficient of V _{OC}	-0.29%/°C
Temperature Coefficient of I _{SC}	0.048%/°C

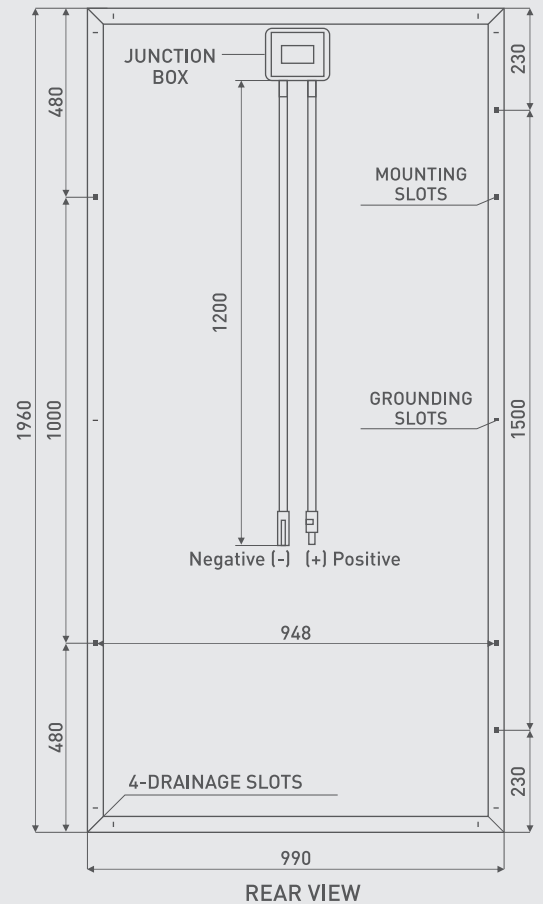
Maximum Ratings

Operating Temperature	-40 to +85°C
Maximum System Voltage	1000V / 1500V DC (IEC) 1000V / 1500V DC (UL)
Max Series Fuse Rating	15A

Warranty

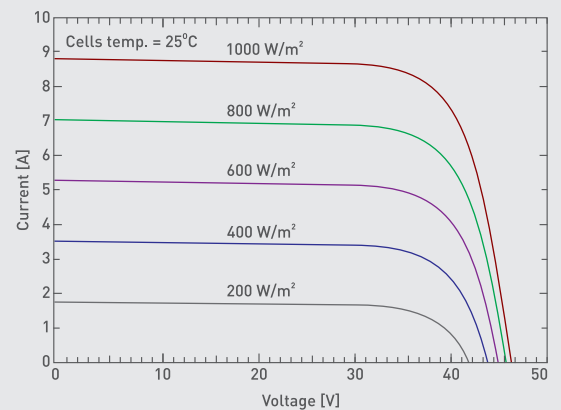
- 12 year Product Workmanship Warranty
- 25 year Linear Performance Warranty

Dimension of PV Module Unit : mm



REAR VIEW

I-V Curve with Irradiance



Linear Performance Warranty

