

With superior plurawatt technology



Meet the high performance product range of Plurawatt, manufactured with cutting edge technology.

PROPERTIES

- Plurawatt panels and assembly elements, with their high design features offer fast, easy and reliable system solutions.
- Plurawatt panels, with their efficiency and positive output tolerance, offer the one of the best norms of the market.
- Plurawatt DC P72 panels have 72 cells.
- Thanks to its purpose designed aluminum frame, compared to its competitors it enables easier assembly in roof and ground surface applications and ventilation corridor through the back surface of the panel.

QUALITY ASSURANCE

- The compliance of the Plurawatt Panels with IEC 61730, 61215 and 61701 have been certified and approved.
- As compliant to the industry specific norms, provide %90 efficiency at the end of its first 10 years and %80 in its 20 years of use.

FIELDS OF USE

- Residences with the grid connection
- Commercial and industrial facilities with grid connection
- Agricultural applications with grid connection
- Solar power plants



PLURAWATT DC 72 - POLYCRYSTALLINE PANEL ELECTRICAL RATINGS AND VALUES

Power Class	320	325	330	335	340
Cell Type	Polycrystalline Cell		Polycrystalline PERC Cell		
Nominal Power Range	Power classification has positive tolerance, between 0 and +5Wp.				
Vmp	36,12	36,36	36,44	36,65	36,81
Imp	8,92	9,01	9,1	9,19	9,27
Voc	45,21	45,46	45,57	45,74	45,97
Isc	9,47	9,58	9,63	9,75	9,84
Temperature Coefficient of Pmax (TPmax)	- 0.38 % / °C		- 0.37 % / °C		
Temperature Coefficient of Isc (TIsc)	+ 0.05 % / °C		+ 0.05 % / °C		
Temperature Coefficient of Voc (TVoc)	- 0.31 % / °C		- 0.30 % / °C		
Temperature Coefficient of Vmp (TVmp)	- 0.34 % / °C		- 0.33 % / °C		
Module operating temperature range	-40 °C +85 °C				
Maximum system voltage	UL : 600V / IEC : 1000V				
Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C				

STC (25 °C Ambient Temp., 1000W/m² Irradiance, AM 1.5). All values are measured at peak points at STC.

Each Plurawatt panel is measured at STC, measurements can be found on the label at backside of the panel.

The information in this datasheet is subject to change without notice, provided for informational purposes only.

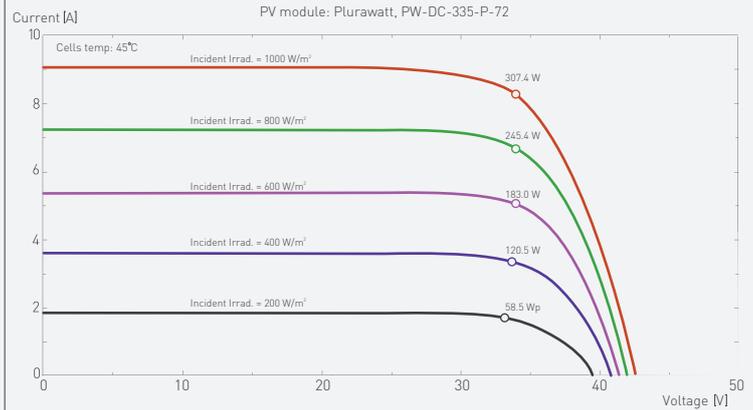
PHYSICAL CHARACTERISTICS

Cell Type	4BB/5BB Polycrystalline 156 x 156 mm and 156,75 x 156,75 mm
Number of Cells	72 (6 x 12)
Dimensions	1980 x 990 x 43 mm
Weight	20,5 kg
Glass	3.2mm, High Permeable, Low Iron Tempered Solar Glass
Frame	Anodized aluminum alloy
Junction Box	IP 65 - 3 bypass diodes (15A)
Cables	2 x (1 x 4 mm ²), 100cm / 120cm
Max. Load	2.4kPa wind load, 5.4kPa snow load

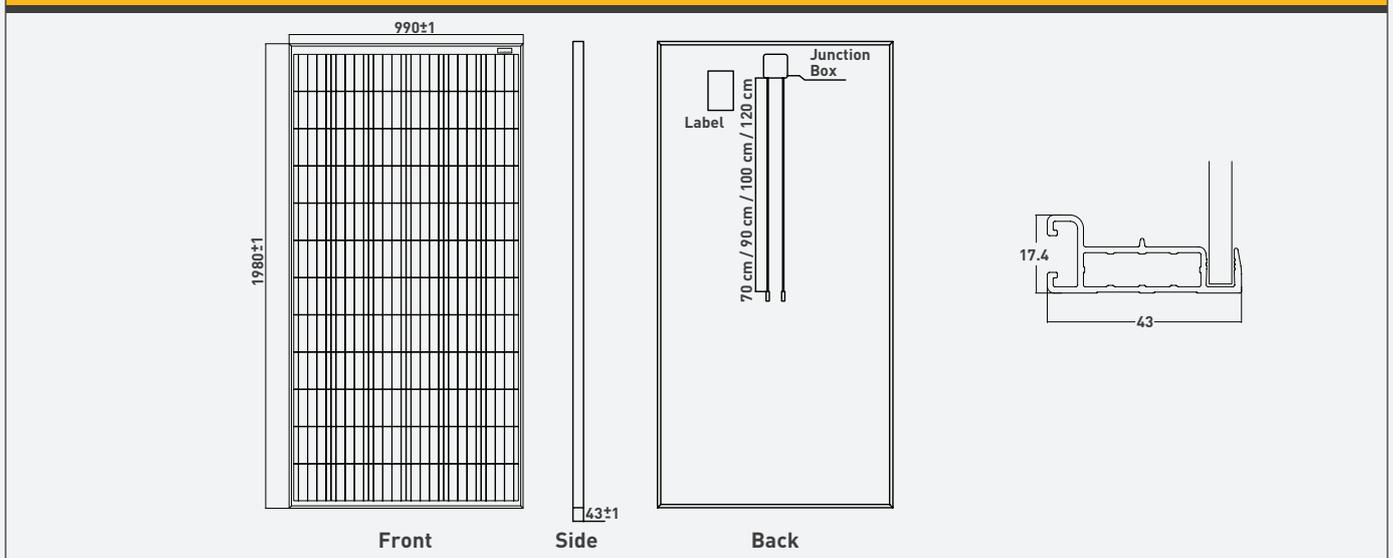
PACKING and SHIPMENT INFORMATION

Palet	25 pcs	
Truck(7.2 x 2.45m)	7 pallet	175 pcs
Long Haul Truck (13.6x2.45m)	13 pallet	325 pcs
Container 40' (12x2.35m)	12 pallet	300 pcs

IV CURVE



TECHNICAL DRAWINGS



Rev: 01



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