

*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 P60 panels have 60 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 60 - POLYCRYSTALLINE PANEL ELECTRICAL RATINGS AND VALUES					
Power Class	265	270	275	280	285
Cell Type	Polycrystalline Cell		Polycrystalline PERC Cell		
Nominal Power Range	Power classification has positive tolerance, between 0 and +5Wp.				
Vmp	30,83	31,01	31,27	31,45	31,62
Imp	8,68	8,79	8,86	8,97	9,08
Voc	37,98	38,22	38,37	38,54	38,68
Isc	9,25	9,36	9,48	9,61	9,75
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				

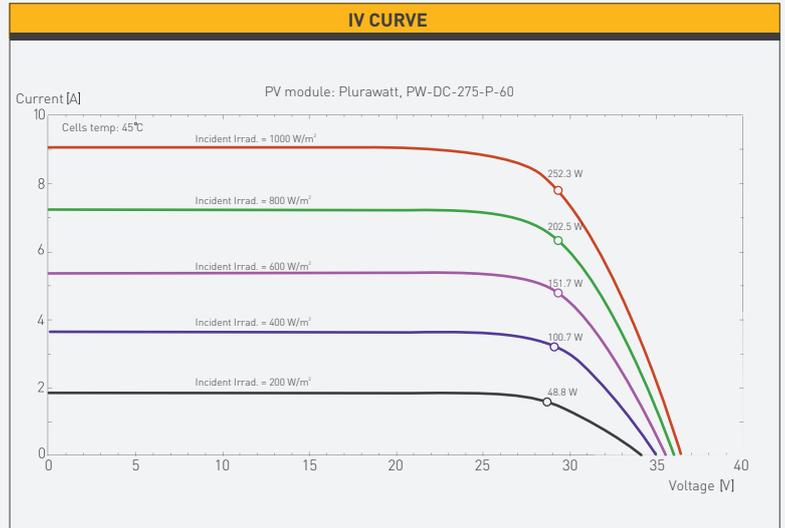
STC (25 °C Ambient Temp., 1000W/m<sup>2</sup> Irradiance, AM 1.5). All values are measured at peak points at STC.

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

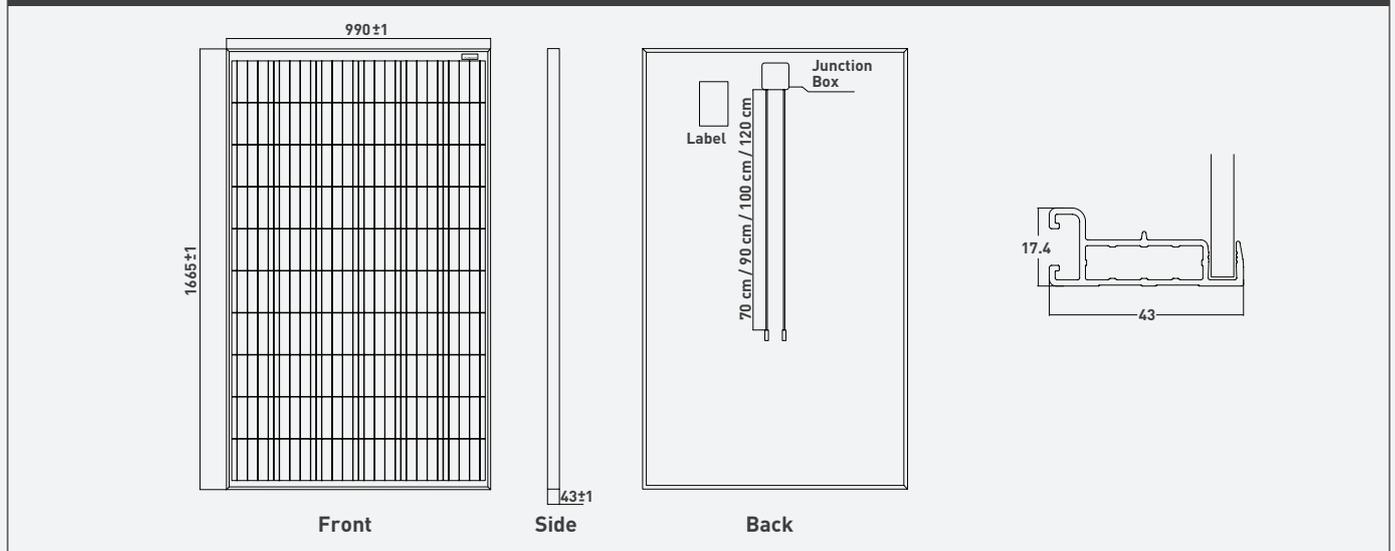
The information in this datasheet is subject to change without notice, provided for informational purposes only.

PHYSICAL CHARACTERISTICS	
Cell Type	4BB/5BB Polycrystalline 156 x 156 mm and 156,75 x 156,75 mm
Number of Cells	60 (6 x 10)
Dimensions	1665 x 990 x 43 mm
Weight	18.5kg
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 <sup>2</sup> ), 70cm / 90cm
Max. Load	2.4kPa wind load, 5.4kPa snow load

PACKING and SHIPMENT INFORMATION		
Palet	25 pcs	
Truck(7.2 x 2.45m)	8 pallet	200 pcs
Long Haul Truck (13.6x2.45m)	16 pallet	400 pcs
Container 40' (12x2.35m)	14 pallet	350 pcs



**TECHNICAL DRAWINGS**



Rev: 01



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