

ELECTRICAL TYPICAL VALUES

Model	APSP6-300/72	APSP6-310/72	APSP6-315/72
Maximum Power (Pmax)	300 W	310 W	315 W
Voltage at max. power (Vmp)	37.88 V	36.6 V	37 V
Current at max. power (Imp)	7.92 A	8.20 A	8.52 A
Open Circuit Voltage (Voc)	44.78 V	45.5 V	45.86 V
Short Circuit Current (Isc)	8.74 A	8.88 A	8.95 A
Tolerance	Positive only	Positive only	Positive only
Module Efficiency	15.5%	16%	16.3%

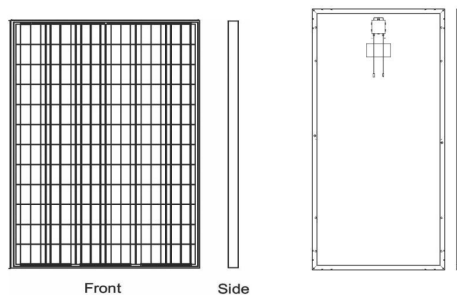
MECHANICAL CHARACTERISTICS

External Dimensions	1960 x 990 x 40 mm	1960 x 990 x 40 mm	1960 x 990 x 40 mm
Weight	22 kg	22 kg	22.5 kg

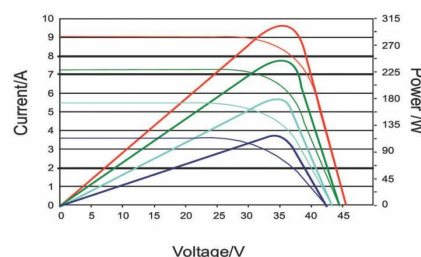
NOTE : STC: Irradiance 1000W/m² Module Temperature 25°C AM = 1.5

TEMPERATURE CHARACTERISTICS		MODULE CHARACTERISTICS	
NOCT (Nominal Operation Temperature)	: 45 ± 2°C	Solar Cells	Poly
Temperature Coefficient of Voc (β)	: -0.35%/°C	No. of Cells	72 Cells(12*6)
Temperature Coefficient of Isc (α)	: +0.05%/°C	Glass	Low iron, tempered glass, 3.2mm
Temperature Coefficient of Pmax (γ)	: -0.45%/°C	Frame	Anodized aluminum alloy
ABSOLUTE MAXIMUM RATING		Junction Box	IP65/67 rated
Parameter	Values	Cable & Plug Connectors	1.1 x 4.0mm ² Mc4 compatible / IP 67
Operating Temperature	From -40° to 85°	Maximum Snow Load	2400 Pascal
Maximum Series Fuse Rating	15 A	Maximum Wind Load	5400 Pascal
IEC Application Class	IEC 61215, IEC 61730, IEC 61701, IEC 62804	Hailstone Impact Test	80 km/h for 25mm ice ball
Maximum System Voltage	1000v DC (IEC 61215) 600v (UL 1703)		

MODULE DIMENSION



I-V CURVE



Note:

- The specifications in this datasheet are subject to change without any notice.
- The electrical data given here is for reference purpose only.
- Please contact our sales team for any customized solutions.
- Please read safety and installation instructions before using the product.
- Subject to Ahmedabad Jurisdiction.

***Warranty:**

Please read APS India warranty documents thoroughly on <http://australianpremiumsolar.co.in/warranty/>



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