



POLYCRYSTALLINE SILICON | PHOTOVOLTAIC MODULES

340 W



YEARS PRODUCT WARRANTY

91.2% Power Output Up To 12 Years



YEARS PERFORMANCE WARRANTY

80.7% Power Output Up To 30 Years



ISO 9001 | ISO 14001

IEC 61215 | IEC 61730

IEC 61701 | IEC 62716

IEC 62804 | IEC 60068

- Australian Brand Manufactured in accordance with APS's high standards of design and Quality Control
- Positive tolerance Positive tolerance of up to 4% delivers higher output reliability for our all modules
- High Model Output Highest conversion efficiency
- EL Tested (ELECTRO LUMINESCENCE) 100% EL double inspection
- Excellent module efficiency Solar cell efficiency up to 21.2% Module efficiency up to 18%
- High performance Higher PV Energy yeilds even under Low light and cloudy conditions
- Reliability Premium quality raw material and advanced manufacturing processes guarantees the reliability of our modules
- PID resistant and free of snail trails increased module robustness to minimoze micro-cracks

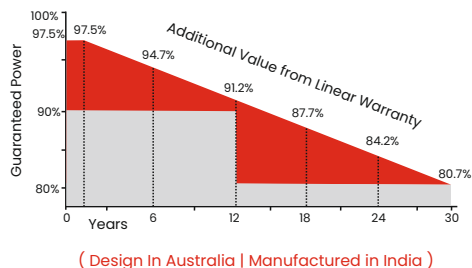
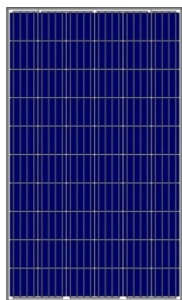


Web : www.australianpremiumsolar.co.in | Email : sales@australianpremiumsolar.co.in

About APS

Australian Premium Solar (APS) is proud to be an Australian owned, managed and operated company which supplies imported and MADE IN INDIA high quality & durable renewable energy products, by keeping the top quality of our material and customer support of the highest priority. APS has came up as one of the leading solar energy solution provider companies across the state of Gujarat as well as India market. APS brought its years of experience and expertise together and established a State of the Art manufacturing facility in India at Tajpur, Ahmedabad, Gujarat.

Our solar panels are IEC & BIS certified as well as ALMM Approved and manufactured in accordance with strict quality assurance policy of APS. We supply innovative and dynamic solar power solutions for residential, commercial, industrial, state/central governments or utility applications. At APS, we develop and maintain all types of high quality designed and certified solar Energy Equipments with continues improvement as practice. we are determined to provide solutions to all clean energy needs.



ELECTRICAL TYPICAL VALUE

Model	APSAP6-340/72
Maximum Power (Pmax)	340 W
Maximum Power Voltage (Vmp)	37.8 V
Maximum Power Current (Imp)	9.02 A
Open Circuit Voltage (Voc)	46.2 V
Short Circuit Current (Isc)	9.62 A
Tolerance	Upto +3%
Module Efficiency	17.49%

MECHANICAL CHARACTERISTICS

Dimensions	1985 X 1000 X 35 MM
Weight	21.5 Kg

NOTE : STC :

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

TEMPERATURE CHARACTERISTICS

NOCT (Nominal Operation Temperature)	: 47 ± 2°C
Temperature Coefficient of Voc (β)	: -0.35%/°C
Temperature Coefficient of Isc (α)	: +0.05%/°C
Temperature Coefficient of Pmax (γ)	: -0.45%/°C

ABSOLUTE MAXIMUM RATING

Parameter	Values
Operating Temperature	From -40° to 85°
Maximum Series Fuse Rating	15 A
IEC Application Class	IEC 61215, IEC 61730, IEC 61701, IEC 62804
Maximum System Voltage	1000v DC (IEC 61215) 600v (UL 1703)

Note :

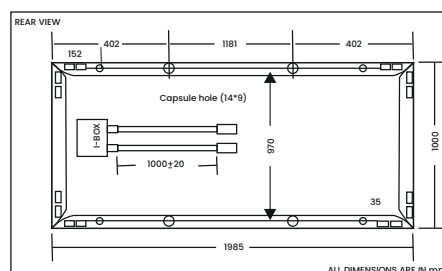
The Specifications in this datasheet are subject subject to change without any notice.
The Electrical data given here is for reference purpose only.
Please contact our sales team for any customized solutions.
Please read safety and installation instructions before using the product.
Subject to Ahmedabad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

*Warranty :

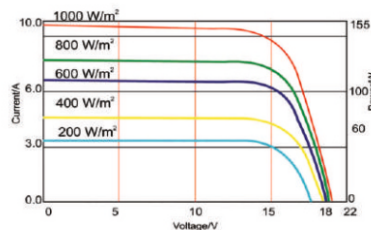
Please read APS India warranty documents thoroughly on <http://australianpremiumsolar.co.in/warranty/>

MODULE CHARACTERISTICS

Solar Cells	Poly
No.of Cells	72 Cells (12*6)
Glass	Low Iron, tempered glass, 3.2mm
Frame	Anodized aluminum alloy
Junction Box	IP65/67 rated
Cable & Plug Connectors	1.0 X 4.0SQMM Mc4 compatible / IP 67
Maximum Snow Load	2400 Pascal
Maximum Wind Load	5400 Pascal
Hailstone Impact Test	80 km/h for 25mm ice ball



TEMPERATURE CHARACTERISTICS



I-V-CURVE

Toll Free : 1800-313-5052

Corporate Office : 301, 3rd floor, Satyamev Eminence, Nr. Shukan Mall, Science City Road, Ahmedabad, Gujarat - 380060.

Factory : At & Post - Tajpur, N.H.-08, Ta - Prantij, Dist - Sabarkantha, Gujarat-383205 (India).