

### Electrical Parameter at STC<sup>#</sup>

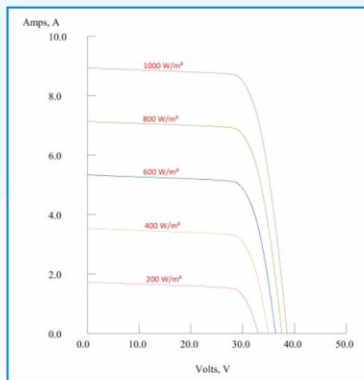
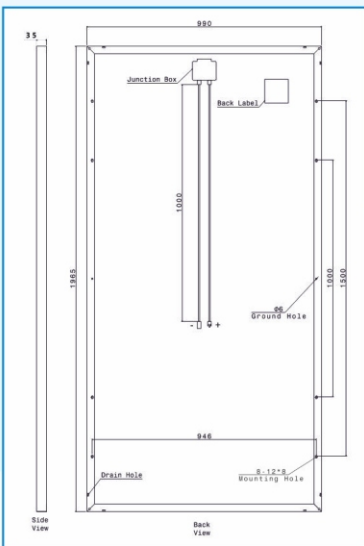
Maximum Power Pmax(Wp)	385
Power Tolerance	0 ~ +5 Wp
Module Efficiency (%)	19.79
Maximum Voltage Vmp (V)	40.41
Maximum Current Imp (A)	9.53
Open Circuit Voltage Voc (V)	47.49
Short Circuit Current Isc (A)	9.87

### Electrical Parameter at NOCT<sup>#</sup>

Maximum Power Pmax(Wp)	277.07
Maximum Voltage Vmp (V)	36.13
Maximum Current Imp (A)	7.67
Open Circuit Voltage Voc (V)	44.68
Short Circuit Current Isc (A)	7.94

### Temperature coefficients (TC) & Permissible Operating Conditions

Tc of Open Circuit Voltage ( $\beta$ )	-0.282 % /°C
Tc of Short Circuit Current ( $\alpha$ )	0.0239 % /°C
Tc of Power ( $\gamma$ )	-0.3826 % /°C
Maximum System Voltage	1000 V DC
NOCT	45°C ± 2°C
Temperature Range	-40°C to +85°C



All dimension are in mm

\*\* Refer to Pahal Solar's warranty document for terms and conditions.

### Mechanical Specification

Cells	72 Pcs mono-crystalline silicon, 156.75 mm x 156.75 mm PERC
Cell encapsulation	Ultra-PID Resistant & Weather Stable EVA (Ethylene-Vinyl-Acetate)
Back Sheet	Fluoro based UV & Weather Stable White Backsheet
Frame	Silver Anodised Aluminum Alloy (Screwless)
Weight	21 Kg
Junction Box	IP 67, 4-rail, 3 diodes JB
Glass	3.2 mm, High transmission, ARC Glass
Cable & Connectors	Cable 1000 mm length, 4 mm <sup>2</sup> , MC4 compatible connectors
Application Class	Class A
Electrical Safety	Class II
Fire Safety	Class C (Type 1)
Mechanical Load Test	5400 Pa-front ; 2400 Pa-back
Maximum Series Fuse Rating	15 A
Length × Width × Height	1965mm x 990mm x 35mm ( Optional 42mm)

### Guarantees and Certifications

Product Warranty**	10 Years
Performance Warranty**	Guaranteed Output power :- 90% for 10 years, 80% for 25 years

Approvals & Certificates	ISO 9001:2015/ ISO 14001:2015/ OHSAS 18001:2007
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