



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

Maximum Power Pmax(Wp)	270
Power Tolerance	0 ~ +5 Wp
Module Efficiency (%)	16.57
Maximum Voltage Vmp (V)	31.88
Maximum Current Imp (A)	8.47
Open Circuit Voltage Voc (V)	38.16
Short Circuit Current Isc (A)	9.03

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

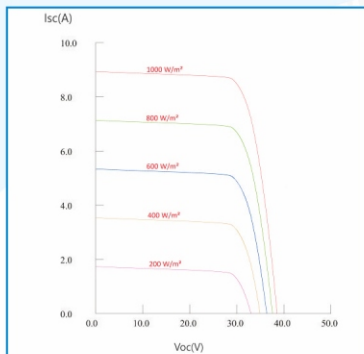
Maximum Power Pmax(Wp)	194.31
Maximum Voltage Vmp (V)	28.50
Maximum Current Imp (A)	6.82
Open Circuit Voltage Voc (V)	35.90
Short Circuit Current Isc (A)	7.27

### 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

### Mechanical Specification

Cells	60 Pcs poly-crystalline silicon, 156.75mm x 156.75 mm
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	18.2 Kg
Junction Box	IP 68, 4-rail, 3 diodes JB
Glass	3.2 mm, High transmission, ARC Glass
Cable & Connectors	Cable 1200 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 x Width x Height	1645mm x 990mm x 40mm/35mm



All dimension are in mm

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

### Guarantees and Certifications

Product Warranty**	10 Years
Performance Warranty**	Guaranteed Output power :- 90% for 10 years, 80% for 25 years
Approvals & Certificates	IS 14286:2010 / IEC 61215:2005, IS 61730-1:2004 / IEC 61730-1:2005, IS 61730-2:2004 / IEC 61730-2:2005 ISO 9001:2015/ ISO 14001:2015/ OHSAS 18001:2007 IEC 62804, IEC 61853, IEC 61701