

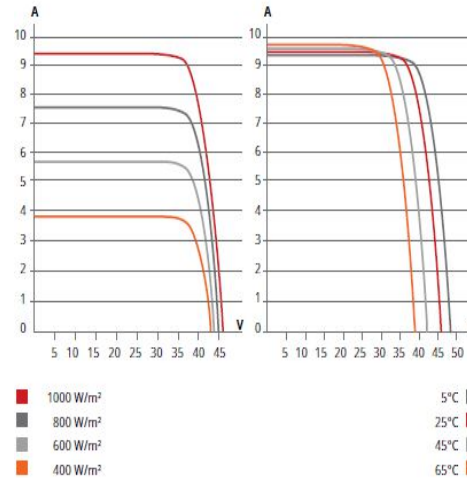


Technical Data sheet

THIS DATA SHEET IS APPLICABLE FOR 250W

Electrical data , All data refers to STC

Peak power (P_{max}) (wp)	250
Maximum voltage V_{mp} (V)	32
Maximum Current I_{mp} (A)	7.81
Open circuit voltage V_{oc} (V)	37
Short circuit current I_{sc} (A)	8.79
Module Efficiency η (%)	15.12
Power tolerance	$\pm 3\%$



Temperature Co-efficients (TC)

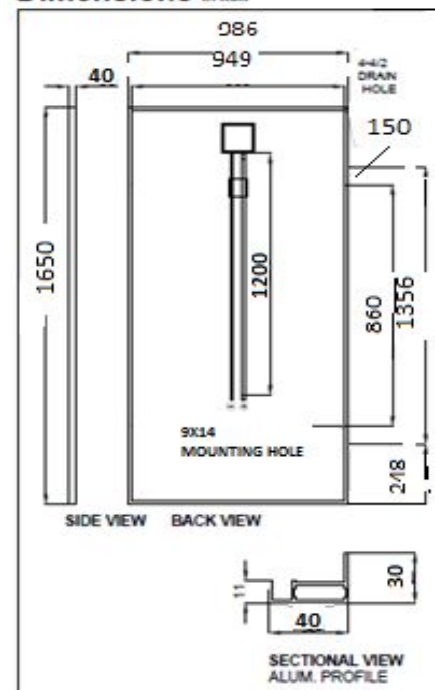
Permissible Operating conditions

TC of Open circuit Voltage (β)	-0.36	(%)
TC of Short circuit current (α)	0.06	
TC of Power (γ)	-0.36	
Maximum system Voltage	1500 V	
NOCT	45° C \pm 2 ° C	
Temperature Range	-40 ° c to + 85 °C	

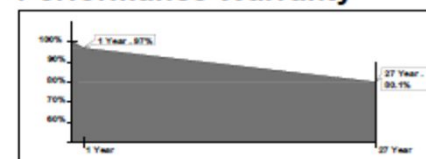
Mechanical Dimenions

Length x width x Height	1650 x 986x 40 (All are in mm)
Weight	25 Kg
Junction box	IP 68 3 By pass Diodes
Cable and connector	1200mm Length cable MC4 Connector
Applicable class	Class A (Safety class 11)
Superstrate	3.2mm High Transmission low iron tempered glass
Cells	60 Multicrystalline Solar cells 4BB / 5BB
Cell Encapsulant	EVA (Ethylene Vinyl Acetate)
Back sheet	Composite Film
Frame	Anodized Aluminium frame
Mechanical Load test	5400 Pa
Maximum series Fuse Rating	15 A

Dimensions in mm



Performance Warranty



Warranty : Product warranty 10 years
Performance warrantey 90% for 10 years and 80% for 15 years

Packaging Information

Quantity/ Pallet : 25	Palleets/ container (40 HC) : 24	Quantity / container (40 HC) : 600
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website: <http://eleodoro.co.in>

Specifications included in the data sheet are subject to change without notice