



Technical Data sheet

THIS DATA SHEET IS APPLICABLE FOR 300W TO 350W

Electrical data , All data refers to STC

Peak power (P_{max}) (wp)	300	320	325	345	350
Maximum voltage V_{mp} (V)	37	39	39	39	39.6
Maximum Current I_{mp} (A)	8.13	8.20	8.35	8.85	8.85
Open circuit voltage V_{oc} (V)	46.9	46	46	46.8	47
Short circuit current I_{sc} (A)	8.85	8.89	9.08	9.57	9.62
Module Efficiency η (%)	15.24	16.26	16.51	17.53	17.78
Power tollerance	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$	$\pm 3\%$

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	1970 x 986x 35 (All are in mm)
Weight	28 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	72 Multicrystalline Solar cells 4BB
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

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

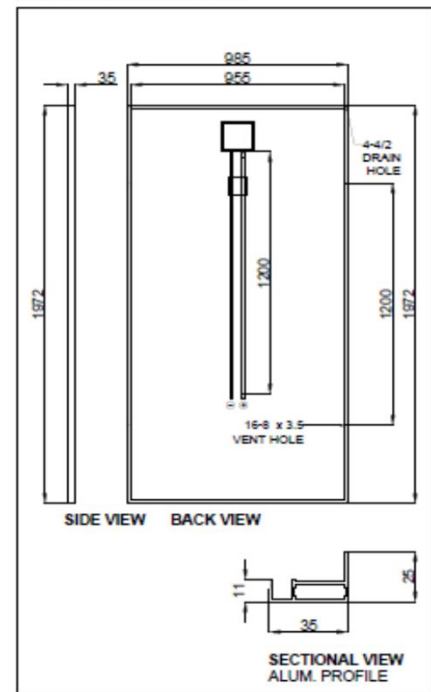
Packaging Information

Quantity/ Pallet : 25	Pallects/ 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

Dimensions in mm



Performance Warranty

