



Technical Data sheet

THIS DATA SHEET IS APPLICABLE FOR 100W

Electrical data , All data refers to STC

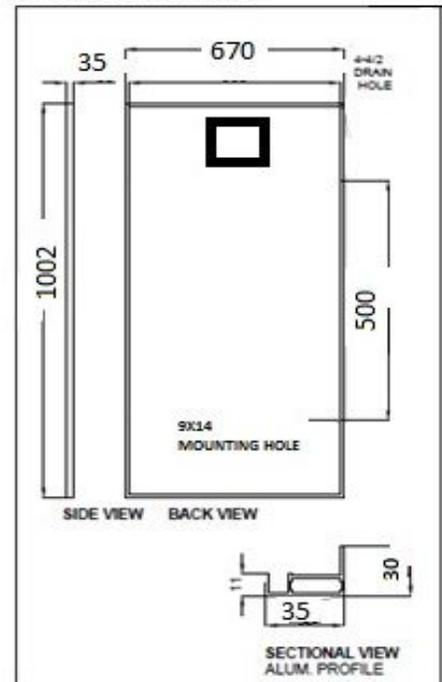
Peak power (P_{max}) (wp)	100
Maximum voltage V_{mp} (V)	19
Maximum Current I_{mp} (A)	5.26
Open circuit voltage V_{oc} (V)	23
Short circuit current I_{sc} (A)	5.74
Module Efficiency η (%)	14.84
Power tollerance	$\pm 3\%$

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	

Dimensions in mm



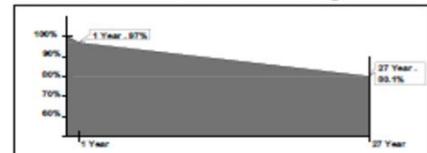
Mechanical Dimenions

Length x width x Height	1002 x 670x 35 (All are in mm)
Weight	15 Kg
Junction box	IP 68 ,2 By pass Diodes
Cable and connector	with out cable
Applicable class	Class A (Safety class 11)
Superstrate	3.2mm High Transmission low iron tempered glass
Cells	36 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

Warranty : Product warranty 10 years

Performance warrantey 90% for 10 years and 80% for 15 years

Performance Warranty



Packaging Information

Quantity/ Pallet : 5 in one

website: <http://eleodoro.co.in>

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