



Datasheet

Polycristaline PV Module

150w 36 células. 12v

150W 36 cells.

ELECTRICAL SPECIFICATIONS	150W
STC rated output (P_{mpp})*	150 Wp
Standard sorted output	+3% Wp
Warranted power output STC ($P_{nominal}$)	150W 12V
Rated voltage (V_{mpp}) at STC	17,64 V
Rated current (I_{mpp}) at STC	8,5A
Open Circuit Voltage (V_{oc})	21,6 V
Short circuit current (I_{sc}) at STC	9,10A

MECHANICAL SPECIFICATIONS	
Weight	13,50 Kg
Module dimensions	(1485x675x33mm)
Cell Arrangement	36 (9x4)
Front Cover	3,2mm
Encapsulate	EVA
Black Cover	Composure Sheet
Juntion box	3 terminal
Frame	Silver Matt Finished Anodized Frame, Anodizing Coating Thickness
Module composition	Glass / EVA / Backsheet (white)

* Maximum System Voltage: 1000V (IEC), 600V (UL)

* Measurement Power Tolerance on Power +/- 3%

* Under Standard Test Conditions (STC) of irradiance of 1000W/m², spectrum AM 1.5 and cell temperature of 25°C

* Nominal Operating Cell Temperature (NOCT) of irradiance of 800W/m², spectrum AM 1.5 and ambient temperature of 20°C

* Temp. Coefficients: Current (alpha) (0.060%/°C)

Voltage (beta) (-0.35%/°C)

Power (Gamma) (-0.45%/°C)

* Temperature Cycling Range: (-40°C to +85°C)

* Humidity Freeze. Damp Heat: 85% RH

