

Datasheet

Polycrystalline PV Module

SS250 (48v) Special 96 células.

250W

ELECTRICAL SPECIFICATIONS

STC rated output (P_{mpp})*	250 Wp
Standard sorted output	0/+3 Wp
Warranted power output STC ($P_{nominal}$)	250 Wp
Rated voltage (V_{mpp}) at STC	49,82 V
Rated current (I_{mpp}) at STC	5,02A
Open circuit voltage (V_{oc}) at STC	60,52 V
Short circuit current (I_{sc}) at STC	5,37A
Module efficiency	15,54%

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

* Measurement Power Tolerance on Power 0 to +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

MECHANICAL SPECIFICATIONS

Module dimensions	(1640 x 981 x 40mm)	Black Cover	Composure Sheet
Weight	18,34 kgs	Frame	Silver Matt Finished Anodized Frame, Anodizing Coating Thickness
Cable & Connectors	Solar cable 900mm lenght with 4.0mm ² double insulated cable, Multi Contact Connectro	Module composition	Glass / EVA / Backsheet (white)
Cell Arrangement	96 (16x6)	Juntion box IP rating	IP 67 (above)
Front Cover	3.2mm Templed Glass		
Encapsulate	EVA		

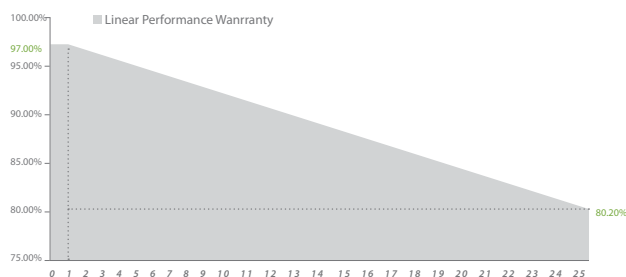
QUALIFICATION AND LINEAR WARRANTIES

Product standard IEC 61215, 61730 / UL 1703

Extended product warranty 10 years

Output decline 3%/year performance P_{mpp} (STC) 1st year

Output decline 0.7%/year performance P_{mpp} (STC) 2nd~ 25th years



MODULE DIMENSION DETAILS

Front view	Side view	Rear view	Frame cross section

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