

PANEL SOLAR POLICRISTALINO 12V | 160W

SPECIFICATIONS

Dimensions	1482 x 676 x 35 mm
Weight	11.1 kg
Frame	Aluminium hollow-chamber frame on each side
Glass	Low-iron and tempered glass 3.2 mm
Cells	36 pcs monocrystalline Si-cells (156.75 x 156.75 mm)
Cell Embedding	EVA
Back-Foil	FEVE / PET / FEVE
Junction Box	≥IP67
Cable	4 mm ² solar cable 2 x 900 mm
Temperature Range	-40°C ... +85°C
Load Capacity	2400 Pa(IEC61215),35mm 5400 Pa(IEC61215),45mm
Application class	Class A
Electrical protection class	Class II
Fire safety class	Class C
Product Warranty	10 years
Power Guarantee	10 years 90% 25 years 80%

CHARACTERISTICS

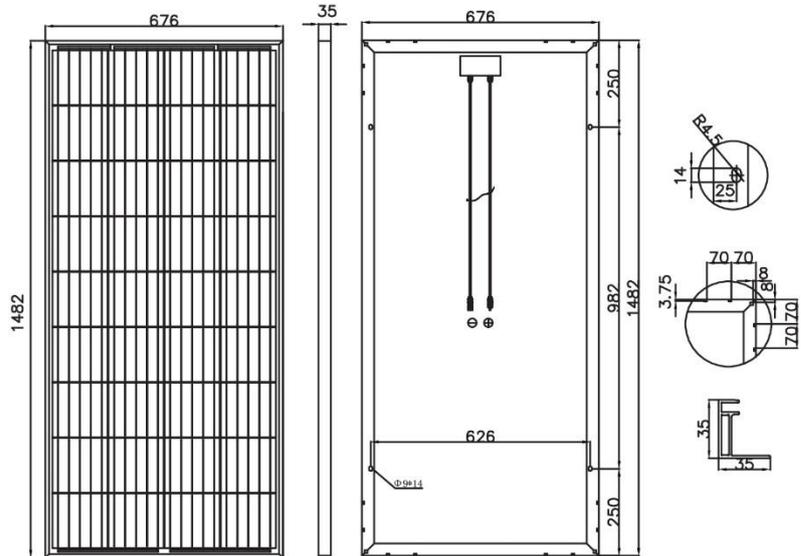
Max. System Voltage	1000V/DC
Temperature-Coefficient I_{SC}	+0.08558%/°C
Temperature-Coefficient V_{OC}	-0.29506%/°C
Temperature-Coefficient P_{MPP}	-0.38001%/°C
NOCT***	45°C

CERTIFICATES

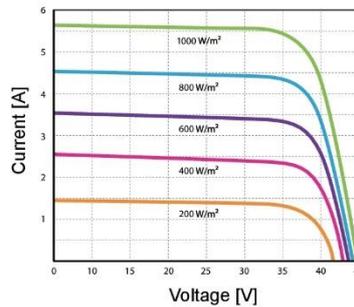
IEC 61215 edition 2 (TÜV Nord)
IEC 61730
INMETRO
CE
ROHS
PID Resistant

INSURANCE

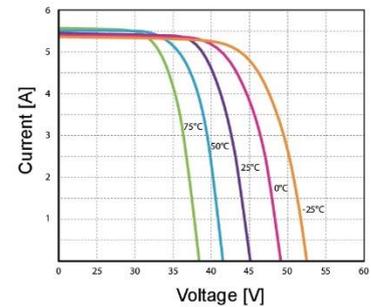
Chubb



CURRENT-VOLTAGE CURVES



Module characteristics at constant module temperatures (25°C) and different levels of irradiance.



Module characteristics at different module temperatures and constant module irradiance (1,000 W/m²).

ESPSA TYPE

160

Power Class	160W
Max. Power Voltage (V_{MPP})* at STC**	18.85V
Max. Power Current (I_{MPP}) at STC	8.5A
Open Circuit Voltage (V_{OC}) at STC	23.8V
Short Circuit Current (I_{SC}) at STC	9.05A
Module Efficiency	17.97 %

* MPP: Maximum Power Point

** STC (Standard Test Conditions): 1000W/m², 25°C, AM 1.5

*** Normal Operating Cell Temperature



Nota:

Para garantía o servicio postventa por favor contacte con nosotros:



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