

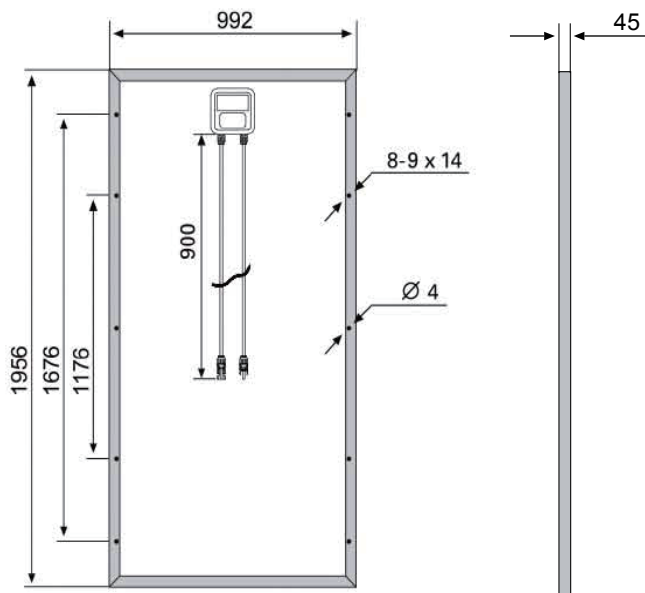
ESPMC

Polycrystalline Solar Module

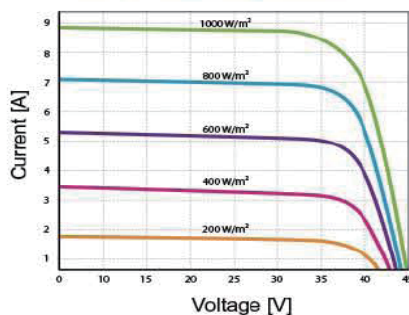
SPECIFICATIONS

Dimensions	1956x 992 x 45 mm
Weight	22.5 kg
Frame	Aluminium hollow-chamber frame on each side
Glass	Low-iron and tempered glass 3.2 mm
Cells	72 pcs multicrystalline Si-cells (156 x 156 mm)
Cell Embedding	EVA
Back-Foil	FEVE / PET / FEVE
Junction Box	TÜV certified
Cable	4 mm ² solar cable 2 x 900 mm
Temperature Range	-40°C ... +85°C
Load Capacity	5400 Pa(IEC61215),45mm

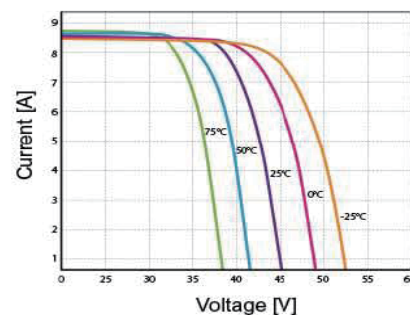
Application class	Class A
Electrical protection class	Class II
Fire safety class	Class C



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).

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)
(TÜV Rheinland)

IEC 61730 MCS

CE CEC

INSURANCE

Chubb

ESPMC TYPE

325

Power Class	325W
Max. Power Voltage (V_{mpp})* at STC**	37.8V
Max. Power Current (I_{mpp}) at STC	8.6A
Open Circuit Voltage (V_{oc}) at STC	45.6V
Short Circuit Current (I_{sc}) at STC	9.2A
Module Efficiency	16.8%

* MPP: Maximum Power Point

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

*** Normal Operating Cell Temperature

