

ESPSC

Monocrystalline Solar Module

- Q

High-quality

With 72 cells and 3 bypass diodes in power classes from 340 to 370 Wp for grid connected systems.
- \$

Reliable

The high quality level of ERA SOLAR guarantees long life-time and high earnings.
- kg

Solid

An Aluminium hollow-chamber frame on each side combined with low-iron and tempered solar glass ensures high load capacity resistance.
- Wp

Performance guarantee

ERA SOLAR grants a power guarantee of 90% of nominal power output up to 10 years and 80% up to 25 years.

<div>+</div>	WATTS POSITIVE TOLERANCE	<div>10</div>	YEARS PRODUCT WARRANTY	<div>10</div>	YEARS PERFORMANCE GUARANTEE 90%	<div>25</div>	YEARS PERFORMANCE GUARANTEE 80%
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ESPSC

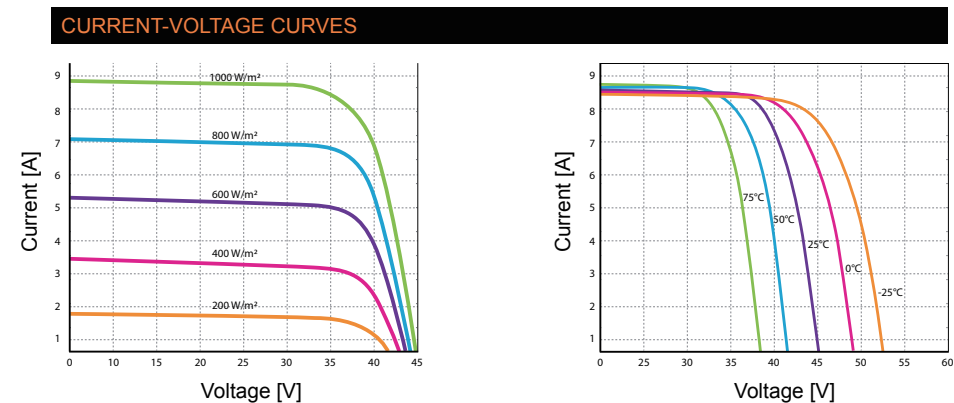
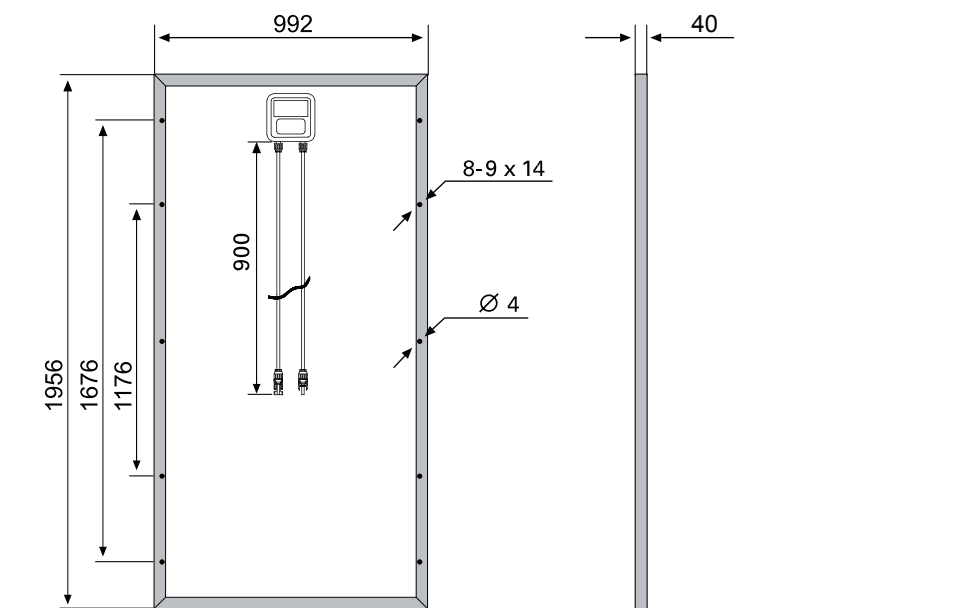
Monocrystalline Solar Module

SPECIFICATIONS	
Dimensions	1956 x 992 x 40 mm
Weight	21.5 kg
Frame	Aluminium hollow-chamber frame on each side
Glass	Low-iron and tempered glass 3.2 mm
Cells	72 pcs Mono-crystalline Si-cells (156.75 x 156.75 mm)
Cell Embedding	EVA
Back-Foil	TÜV certified FEVE / PET/ FEVE
Junction Box	
Cable	4 mm² solar cable 2 x 900 mm
Temperature Range	-40°C ... +85°C
Load Capacity	5400 Pa
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}	+0.02973%/°K
Temperature-Coefficient V _{oc}	-0.38038%/°K
Temperature-Coefficient P _{mpp}	-0.57402%/°K
NOCT***	45°C

CERTIFICATES	
IEC 61215 edition 2 (TÜV Nord)	
IEC 61730 MCS INMETRO	
CE CEC SALT-MIST	
PID Resistant	

INSURANCE	
Chubb	



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).

ESPSC TYPE	370
Power Class	370W
Max. Power Voltage (V _{mpp})* at STC**	40.1V
Max. Power Current (I _{mpp}) at STC	9.23A
Open Circuit Voltage (V _{oc}) at STC	48.3V
Short Circuit Current (I _{sc}) at STC	9.95A
Module Efficiency	19%

* MPP: Maximum Power Point
 ** STC (Standard Test Conditions): 1000W/m², 25°C, AM 1.5
 *** Normal Operating Cell Temperature