

ESPMC

Polycrystalline Solar Module

KEY FEATURES



5 Busbar Solar Cell:

5 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.



High Power Output:

Polycrystalline 72-cell module achieves a power output up to 340Wp.



Low-light Performance:

Advanced glass and surface texturing allow for excellent performance in low-light environments.



Reliability Warranty:

10 years' product warranty.
Power warranty of 90% up to 10 years and 80% up to 25 years.



WATTS
POSITIVE
TOLERANCE



12 YEARS
PRODUCT
WARRANTY



10 YEARS
PERFORMANCE
GUARANTEE 90%



25 YEARS
PERFORMANCE
GUARANTEE 80%

POLYCRYSTALLINE, 72-CELL SERIES

ELECTRICAL PERFORMANCE

Module type: ESPMC	340
Maximum Power(Wp)	340W
Open circuit Voltage(Voc)	46.4V
Short circuit Current(Isc)	9.45A
Maximum Power Voltage(Vm)	38.5V
Maximum Power Current(Im)	8.84A
Module efficiency	17.5%
Maximum Series Fuse	15A
Watts positive tolerance	0~+3%
Number of Diode	3
Standard Test Conditions	1000W/M ² ,25°C,AM1.5
Maximum System Voltage	1000V/DC
Temperature-Coefficient Isc	+0.08558%/°C
Temperature-Coefficient Uoc	-0.29506%/°C
Temperature-Coefficient Pmpp	-0.38001%/°C
Normal Operating Cell Temperature	-40°C...+85°C
Load Capacity for the cover of the module (glass)	5400Pa(IEC61215)(snow)
Load Capacity for the front & back of the module	2400Pa(IEC61215)(wind)
Product Certificate	TUV(IEC 61215,IEC 61730),CE, ROHS,PID Resistant,INMETRO
Company Certificate	ISO9001,ISO14001,ISO18001

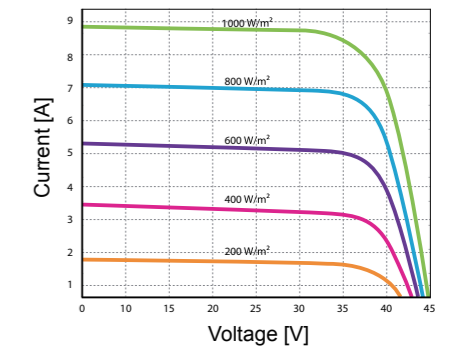
MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron tempered glass / 3.2mm
Backsheet (color)	TPT in white
Cell (quantity / material / dimensions)	72 / Polycrystalline silicon / 156.75x156.75mm
Frame (material / color)	aluminum hollow-chamber frame on each side anodized aluminum alloy / silver
Junction box (protection degree)	> IP68
Cables & Plug connectors	2x900mm / 4mm ² & MC4 compatible
Module Dimensions (L / W / H)	1956x992x40mm
Module Weight	20.9kg
Application class	Class A
Electrical protection class	Class II
Fire safety class	Class C

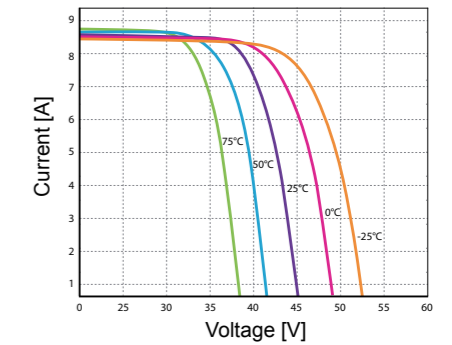
PACKING

Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurement (mm)	Units/Container (PCS)
20GP	26	570	2000x1130x1120	260
40HQ	26	570	2000x1130x1120	627
	31	676	2000x1130x1340	

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).

MODULE DIMENSIONS:

