



ESPMC

Polycrystalline Solar Module

KEY FEATURES

156



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.



Higher Module Conversion Efficiency:

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.



WATTS
POSITIVE
TOLERANCE



12
YEARS
PRODUCT
WARRANTY



25
YEARS LINEAR
POWER WARRANTY



POLYCRYSTALLINE, 72-CELL SERIES

ELECTRICAL PERFORMANCE

Module type: ESPMC	320M / 325M / 330M / 335M / 340M
Maximum Power(Wp)	320W 325W 330W 335W 340W
Open circuit Voltage(Voc)	45.45V 45.60V 45.75V 46.10V 46.40V
Short circuit Current(Isc)	9.10A 9.20A 9.30A 9.38A 9.45A
Maximum Power Voltage(Vm)	37.65V 37.80V 37.95V 38.20V 38.50V
Maximum Power Current(Imp)	8.50A 8.60A 8.70A 8.77A 8.84A
Module efficiency	16.50% 16.80% 17% 17.20% 17.50%
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	+0.8558%/°C
Temperature-Coefficient Voc	-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

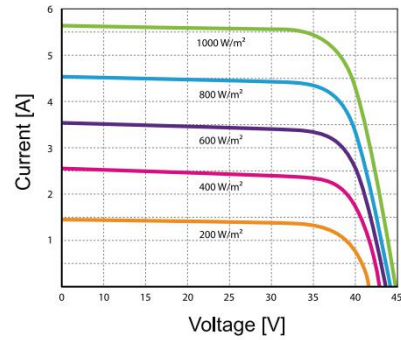
MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron tempered glass / 3.2mm
Backsheet (color)	TPT in white
Cell (quantity / material / dimensions)	72 / monocrystalline silicon / 125x125mm
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)	1956x992x35mm
Module Weight	20.90kg
Application class	Class A
Electrical protection class	Class II
Fire safety class	Class C

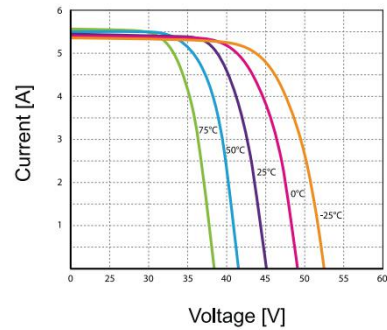
PACKING

Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurement (mm)	Units/Container (PCS)
20GP	31	605	1700x1130x1120	372
40HQ	31	605	1710x1130x1135	966
	38	737	1710x1130x1400	

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 DIAGRAM:

