



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.



Higher Module Conversion Efficiency:

Higher module output up to 350W with Passivated Emitter Rear Contact (PERC) technology.



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

158.75



POLYCRYSTALLINE, 72-CELL SERIES

ELECTRICAL PERFORMANCE

Module type: ESPMC	335M / 340M / 345M / 350M
Maximum Power(Wp)	335W 340W 345W 350W
Open circuit Voltage(Voc)	45.75V 45.95V 46.15V 46.35V
Short circuit Current(Isc)	9.33A 9.41A 9.50A 9.59A
Maximum Power Voltage(Vm)	38.40V 38.60V 38.80V 39.00V
Maximum Power Current(Imp)	8.73A 8.81A 8.90A 8.98A
Module efficiency	16.89% 17.14% 17.39% 17.65%
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

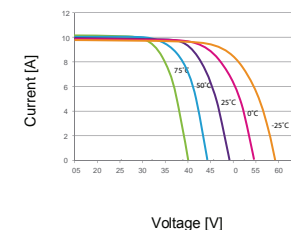
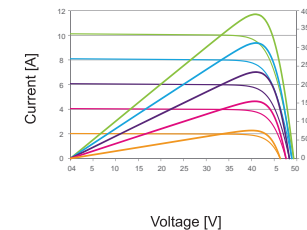
MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron tempered glass / 3.2mm
Backsheet (color)	TPT in white
Cell (quantity / material / dimensions)	72 / polycrystalline silicon / 158.75x158.75mm
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)	1979x1002x35mm
Module Weight	22.5kg
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	712	2010x1130x1130	310
	37	848	2010x1130x1360	748

CURRENT-VOLTAGE CURVES:



MODULE DIAGRAM:

