

# ESPSC

## Monocrystalline Solar Module

158.75x158.75

### 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:

Higher module output up to 325W with Passivated Emitter Rear Contact (PERC) technology.



#### Low-light Performance:

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



#### Reliability Warranty:

12 years' product warranty.  
Power warranty of 90% up to 12 years and 80% up to 25 years.



WATTS POSITIVE TOLERANCE



12 YEARS PRODUCT WARRANTY



12 YEARS PERFORMANCE GUARANTEE 90%



25 YEARS PERFORMANCE GUARANTEE 80%

## MONOCRYSTALLINE, 60-CELL SERIES

### ELECTRICAL PERFORMANCE

Module type: ESPSC	325M
Maximum Power(Wp)	325W
Open circuit Voltage(Voc)	41.1V
Short circuit Current(Isc)	10.20A
Maximum Power Voltage(Vm)	33.6V
Maximum Power Current(Im)	9.68A
Module efficiency	19.48%
Maximum Series Fuse	15A
Watts positive tolerance	0~+3%
Number of Diode	3
Standard Test Conditions	1000W/M <sup>2</sup> ,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

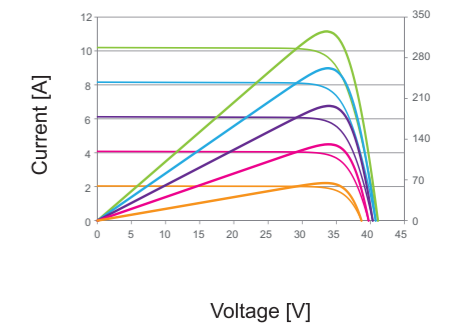
### MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron tempered glass / 3.2mm
Backsheet (color)	TPT in white
Cell (quantity / material / dimensions)	60 / monocrystalline 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	2x1200mm / 4mm <sup>2</sup> & MC4 compatible
Module Dimensions (L / W / H)	1665x1002x35mm
Module Weight	19kg
Application class	Class A
Electrical protection class	Class II
Fire safety class	Class C

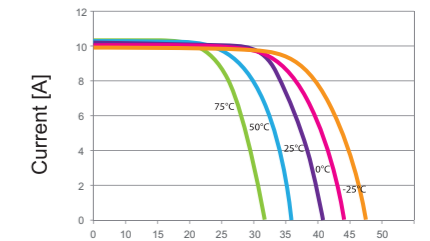
### PACKING

Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurement (mm)	Units/Container (PCS)
20GP	30	590	1710x1130x1140	360
40HQ	30	590	1710x1130x1140	938
	35	686	1710x1130x1330	

### CURRENT-VOLTAGE CURVES:



Module characteristics at constant module temperatures of 25°C and variable levels of irradiance



Module characteristics at variable module temperatures and constant module irradiance of 1.000 W/m<sup>2</sup>

### MODULE DIAGRAM:

