

# ESPSC

## Monocrystalline 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:**  
Higher module output up to 380W with Passivated Emitter Rear Contact (PERC) technology.
- Low-light Performance:**  
Advanced glass and surface texturing allow for excellent performance in low-light environments.
- Reliable Warranty:**  
10 years' product warranty.  
Power warranty of 90% up to 10 years and 80% up to 25 years.



WATTS  
POSITIVE  
TOLERANCE



YEARS  
PRODUCT  
WARRANTY



YEARS  
PERFORMANCE  
GUARANTEE 90%



YEARS  
PERFORMANCE  
GUARANTEE 80%

### MONOCRYSTALLINE, 72-CELL SERIES

#### ELECTRICAL PERFORMANCE

Module type: ESPSC	340	/	350	/	360	/	370	/	375	/	380
Maximum Power(Wp)	340W		350W		360W		370W		375W		380W
Open circuit Voltage(Voc)	46.4V		47.1V		47.7V		48.3V		48.35V		48.7V
Short circuit Current(Isc)	9.45A		9.6A		9.8A		9.95A		9.95A		10A
Maximum Power Voltage(Vm)	38.5V		39.1V		39.6V		40.1V		40.5V		40.8V
Maximum Power Current(Im)	8.84A		8.96A		9.1A		9.23A		9.26A		9.32A
Module efficiency	17.5%		18%		18.5%		19%		19.3%		19.5%
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										

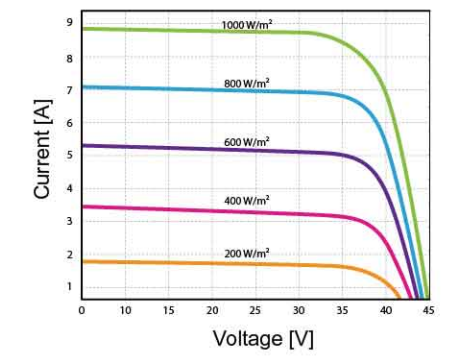
#### MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron tempered glass / 3.2mm
Backsheet (color)	TPT in white
Cell (quantity / material / dimensions)	72 / monocrystalline silicon / 156.75x156.76mm
Frame (material / color)	aluminum hollow-chamber frame on each side anodized aluminum alloy / silver
Junction box (protection degree)	≥IP68
Cables & Plug connectors	2x900mm / 4mm <sup>2</sup> & MC4 compatible
Module Dimensions (L / W / H)	1956x992x40mm
Module Weight	21.5kg
Application class	Class A
Electrical protection class	Class II
Fire safety class	Class C

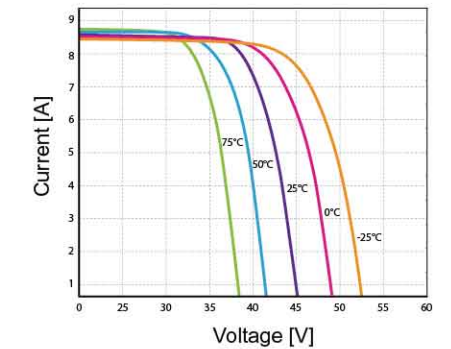
#### PACKING

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

#### CURRENT-VOLTAGE CURVES:

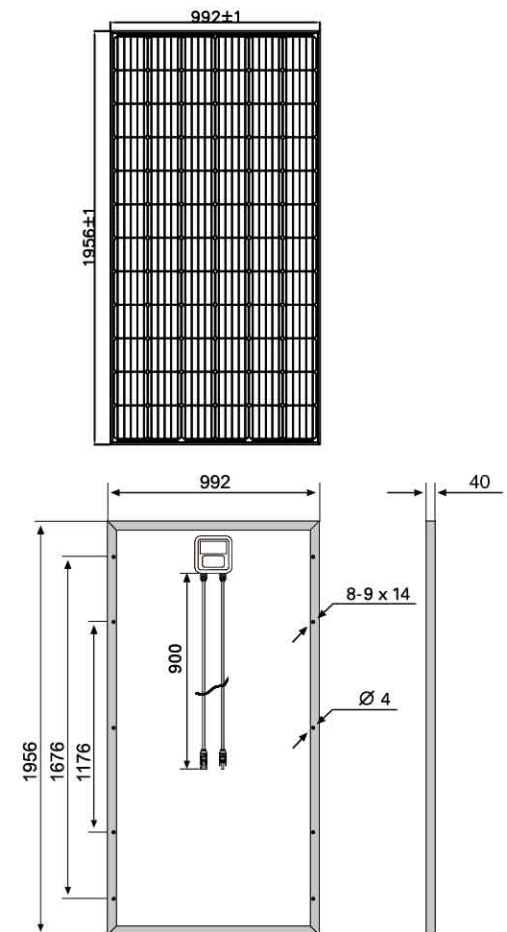


Module characteristics at constant module temperatures (25°C) and different levels of irradiance.



Module characteristics at different module temperatures and constant module irradiance (1.000 W/m<sup>2</sup>).

#### MODULE DIAGRAM:



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