



ESPSC

Monocrystalline Solar Module

KEY FEATURES

158.75



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 400W 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



MONOCRYSTALLINE, 72-CELL SERIES

ELECTRICAL PERFORMANCE

Module type: ESPSC	380M / 385M / 390M / 395M / 400M
Maximum Power(Wp)	380W 385W 390W 395W 400W
Open circuit Voltage(Voc)	48.90V 49.10V 49.30V 49.50V 49.80V
Short circuit Current(Isc)	9.75A 9.92A 10.12A 10.23A 10.36A
Maximum Power Voltage(Vm)	40.50V 40.80V 41.10V 41.40V 41.70V
Maximum Power Current(Imp)	9.39A 9.44A 9.49A 9.55A 9.60A
Module efficiency	19.16% 19.42% 19.67% 19.92% 20.17%
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

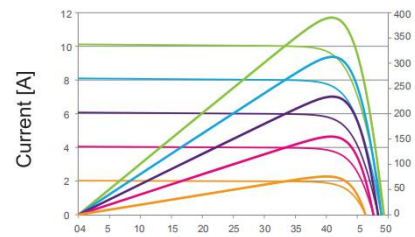
MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron tempered glass / 3.2mm
Backsheet (color)	TPT in white
Cell (quantity / material / dimensions)	72 / monocrystalline silicon / 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

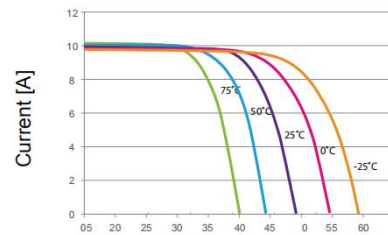
PACKING

Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurement (mm)	Units/Container (PCS)
20GP	31	712	2010x1130x1130	310
40HQ	31	712	2010x1130x1130	748
	37	848	2010x1130x1360	

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/m²

MODULE DIAGRAM:

