

ESPSC(BK)

Monocrystalline Solar Module-Black

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 325W with Passivated Emitter Rear Contact (PERC) technology.



Low-light Performance:

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

158.75



WATTS
POSITIVE
TOLERANCE



12 YEARS
PRODUCT
WARRANTY



25 YEARS LINEAR
POWER WARRANTY



MONOCRYSTALLINE, 60-CELL SERIES

ELECTRICAL PERFORMANCE

Module type: ESPSC	315M / 320M / 325M / 330M / 335M
Maximum Power(Wp)	315W 320W 325W 330W 335W
Open circuit Voltage(Voc)	41.95V 41.24V 41.44V 41.66V 41.88V
Short circuit Current(Isc)	9.80A 9.88A 9.96A 10.04A 10.12A
Maximum Power Voltage(Vm)	33.41V 33.68V 33.93V 34.17V 34.4V
Maximum Power Current(Im)	9.43A 9.51A 9.58A 9.66A 9.74A
Module efficiency	18.88% 19.18% 19.48% 19.78% 20.08%
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

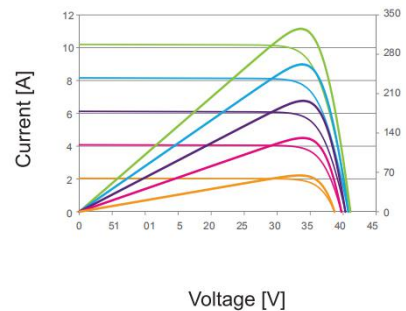
MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron tempered glass / 3.2mm
Backsheet (color)	TPT in white
Cell (quantity / material / dimensions)	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	2x900mm / 4mm ² & 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

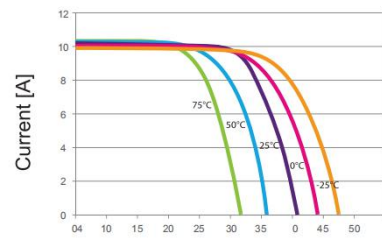
PACKING

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

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:

