

**▼ FULL BLACK**
*Mono Shingled Solar Panels*


# BSM70PM5-S

## Warranty

5 years Manufacturer Warranty  
 Warranty on Electrical Performance: 10 years 90%  
 + 25 years 80% of power output

## Manufacturing

Original cell sorting system ensures the best electric cell match  
 EL-Testing before packing.  
 Comprehensive module power testing.

## Performance

Higherer module efficiency and compact size  
 Weakened hot-spot effect, lower module failure rate and increased stability by shingle-tech.  
 Special connection method lowers the internal resistance and ensures better performance than traditional connection with busbar.  
 IP67 rated junction box, reliable cables and standard MC4 connectors improve the stability

### Mechanical Data

 Standard Test Conditions AM=1.5, E=1000W/m<sup>2</sup>, TC=25°C

Nominal Power	70W
Cell Type	Monocrystalline
Cell Efficiency	21.1%
Maximum Power Current (Impp)	3.01A
Maximum Power Voltage (Vmpp)	23.25V
Open-circuit Voltage (Voc)	27.64V
Short-circuit Current (Isc)	3.19A
Maximum System Voltage	500V
Output Tolerance	+3%
Cable	500mm / 2.5mm <sup>2</sup>
Connector Type	MC4 / MC4 Compatible
Module Structure	Aluminum Frame / Glass / EVA / Backsheet (White)
Junction box rating	≥ IP67
Number of Diodes	One
Working Temperature	-40°C ~ +80°C

### Packaging

Module Dimensions	1050*350*30mm
Module Weight	4.2kg
Package	Single Package
Pieces per Pallet	100
Gross Weight per Pallet	440kg
Pallet Dimensions	1300*1150*1250mm


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