







YOUR BEST PV SUPPLIER

BSM570PM5-72SB

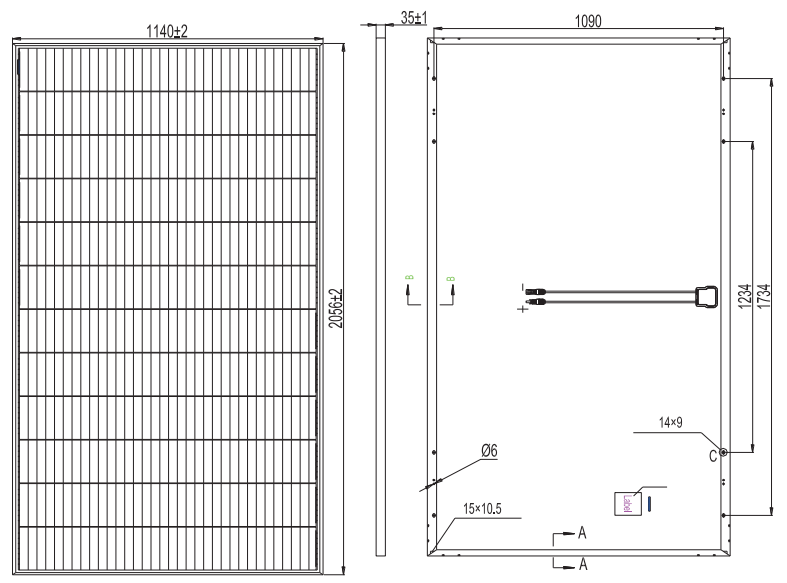
Shingled Solar panel 550w-570w



Key features

-  Ideal choice for large scale ground installation
-  Lower LID due to lower oxygen and carbon content
-  More evenly distributed soldering points and better reliability and lower hot spot risk
-  Special cell process ensures great performance under low irradiance conditions
-  Selected encapsulating material and stringent production process control ensure the product is highly PID resistant and snail trails free
-  Provides higher module efficiency under low irradiance conditions, and achieves greater installation capacity in a limited space.

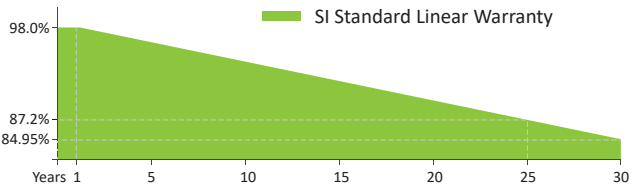
Dimension(mm)



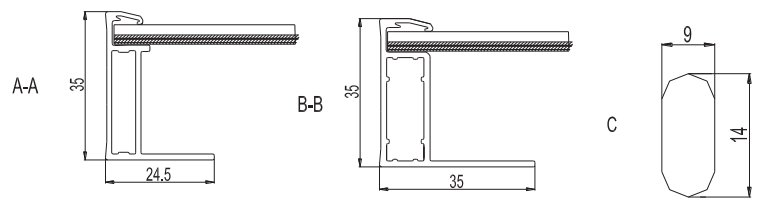
Superior Warranty

- ★ 15-year product warranty
- ★ 30-year linear power output warranty

Leading power warranty



* Please refer to Bluesun standard warranty for details



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Electrical Parameters

| Module | BSM550PM5-72SB | BSM560PM5-72SB | BSM570PM5-72SB |
|-------------------------------|--|----------------|----------------|
| Rated Maximum Power at STC(W) | 550 | 560 | 570 |
| Open Circuit Voltage (Voc/V) | 47.9 | 48.1 | 48.3 |
| Maximum Power Voltage (Vmp/V) | 40.1 | 40.3 | 40.5 |
| Short Circuit Current (Isc/A) | 14.54 | 14.74 | 14.93 |
| Maximum Power Current (Imp/A) | 13.72 | 13.9 | 14.07 |
| Module Efficiency [%] | 23.4 | 23.8 | 24.3 |
| Power Tolerance (W) | 0-5 | | |
| STC | Irradiance 1000W/m ² , Cell Temperature 25 C, Air Mass 1.5G | | |

Mechanical Parameters

| | |
|---|---|
| Cell (mm) | Mono HJT 166*166 |
| Weight (kg) | 25 |
| Glass Thickness | 3.2mm White Toughened Safety Glass |
| Dimensions (LxWxH) (mm) | 2056*1140*35 |
| Cable Cross Section Size (mm ²) | 4(IEC) |
| Junction Box | Rated Current:20A, IP67 |
| Connector | PV Connector |
| Packaging Configuration | 31pcs/box;682pcs/40'container;992pcs/flat car |
| Withstanding Hail | Maximum diameter of 25 mm with impact speed of 23 m·s ⁻¹ |

Working Conditions

| | |
|--|----------------------------------|
| Maximum System Voltage | DC 1000V/1500V (IEC) |
| Operating Temperature | -40 C ~ +85 C |
| Maximum Series Fuse | 20A |
| Maximum Static Load, Front (e.g., snow and wind) | 5400Pa (112 lb/ft ²) |
| Maximum Static Load, Back (e.g., wind) | 2400Pa (50 lb/ft ²) |
| NOCT | 45±2 C |
| Application Class | Class A |

Temperature Characteristics

| | | |
|---------------------------------|----------------|----------|
| Temperature Coefficient of Pmax | γ (Pm) | -0.34%/C |
| Temperature Coefficient of Voc | β (Voc) | -0.27%/C |
| Temperature Coefficient of Isc | α (Isc) | 0.04%/C |

I-V Curve

Current-Voltage Curve (BSM550PM5-72SB)

