



# BSM350M-600PH

**MONO**  
**330-350W**



**350W**

Maximum Power Output

**20.7%**

Maximum Module Efficiency

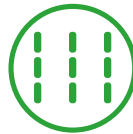
**0~+5W**

Power Output Guarantee

**YOUR BEST PV SUPPLIER**



Ideal choice for large scale ground installation



More evenly distributed soldering points and better reliability and lower hot spot risk



Selected encapsulating material and stringent production process control ensure the product is highly PID resistant and snail trails free



Lower LID due to lower oxygen and carbon content



Special cell process ensures great performance under low irradiance conditions

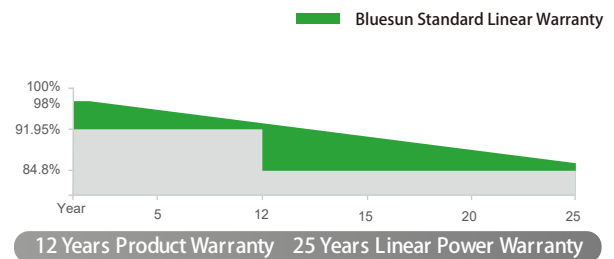


Provides higher module efficiency under low irradiance conditions, and achieves greater installation capacity in a limited space.

## Key features

- World-class manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- Rigorous quality control to meet the highest standard: ISO9001:2015, ISO14001: 2015 and OHSAS: 18001 2007
- Tested for harsh environments (salt mist, ammonia corrosion and sand blowing test: IEC 61701, IEC 62716, DIN EN 60068-2- 68)
- Long term reliability tests
- 2×100% EL inspection ensuring defect-free modules

## Linear Performance Warranty



\* Please refer to Bluesun standard warranty for details

## Certificate



+86-158-5821-3997



info@bluesunpv.com



+86-551-6520-3660



1499 Zhenxing Road, Shushan District, 230031 Hefei, China

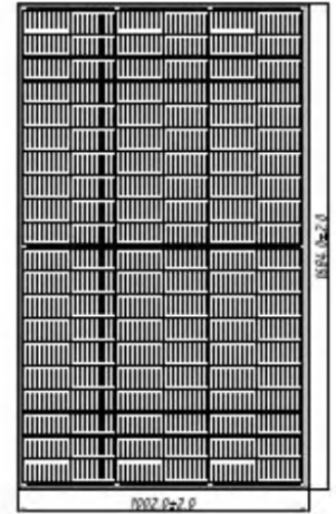
www.bluesunpv.com





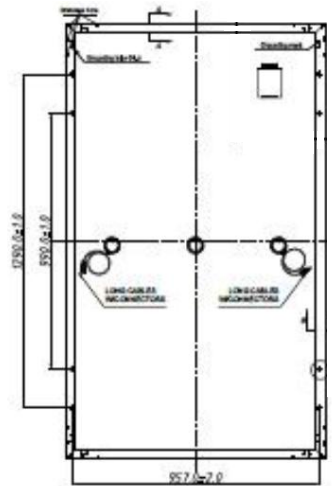
## ELECTRICAL PARAMETERS AT STC

| Model                          | BSM330M-60OPH   | BSM335M-60OPH | BSM340M-60OPH | BSM345M-60OPH | BSM350M-60OPH |
|--------------------------------|---|---------------|---------------|---------------|---------------|
| Max Power(Pmax) [W]            | 330   | 335           | 340           | 345           | 350           |
| Open Circuit Voltage(Voc) [V]  | 40.5  | 40.7          | 40.9          | 41.1          | 41.6          |
| Short Circuit Current(Isc) [A] | 10.12   | 10.18         | 10.24         | 10.34         | 10.38         |
| Max Power Voltage(Vmp) [V]     | 34.1  | 34.4          | 34.7          | 34.9          | 35.3          |
| Max Power Current(Imp) [A]     | 9.66  | 9.74          | 9.80          | 9.89          | 9.91          |
| Module Efficiency [%]          | 19.5  | 19.8          | 20.1          | 20.4          | 20.7          |
| Power Tolerance                | 0-5W  |               |               |               |               |
| Max System Voltage             | 1000V/1500V/DC(IEC)   |               |               |               |               |
| Max Series Fuse Rating         | 20A   |               |               |               |               |
| Operating Temperature          | -40 °C to +85 °C  |               |               |               |               |
| STC                            | Irradiance 1000W/m <sup>2</sup> , cell temperature 25 °C, AM1.5 |               |               |               |               |



## NMOT

| Model Number                  | BSM330M-60OPH | BSM335M-60OPH | BSM340M-60OPH | BSM345M-60OPH | BSM350M-60OPH |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|
| Max Power(Pmax) [W]           | 244.2         | 248.4         | 251.9         | 255.7         | 259.2         |
| Open Circuit Voltage (Voc)    | 37.6          | 37.8          | 38.0          | 38.2          | 38.6          |
| Short Circuit Current (Isc)   | 8.17          | 8.22          | 8.27          | 8.35          | 8.38          |
| Maximum Power Voltage (Vmp)   | 31.7          | 31.9          | 32.2          | 32.3          | 32.7          |
| Maximum Circuit Current (Imp) | 7.71          | 7.78          | 7.83          | 7.90          | 7.93          |
| NMOT                          | 43°C±2        |               |               |               |               |

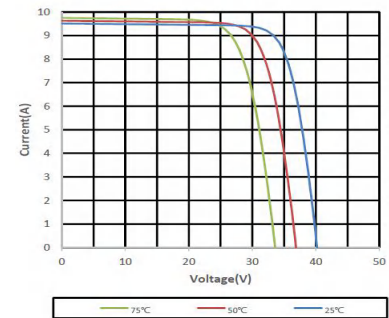


## Mechanical Characteristics

|                |   |
|----------------|---|
| Solar Cells    | Monocrystalline Silicon                 |
| Dimensions     | 1684×1002×35mm (66.30×39.45×1.38inches) |
| Weight         | 19.0kg (41.89 lbs.)                     |
| Front Load     | 5400Pa                                  |
| Connector Type | MC4 Compatible                          |
| Junction Box   | IP68                                    |
| Cables         | 4mm <sup>2</sup>                        |
| Glass          | 3.2mm High Transmission Tempered Glass  |
| Frame          | Anodized Aluminium Alloy                |
| Packing        | 27pcs/pallet, 324pcs/20GP, 754pcs/40HQ  |

## I-V Curves

Current-Voltage Curve (BSM330M-60OPH)



## Temperature Characteristics

|                                 |                |            |
|---------------------------------|----------------|------------|
| Temperature Coefficient of Pmax | $\gamma$ (Pm)  | -0.36%/ °C |
| Temperature Coefficient of Voc  | $\beta$ (Voc)  | -0.36%/ °C |
| Temperature Coefficient of Isc  | $\alpha$ (Isc) | 0.043%/ °C |

