






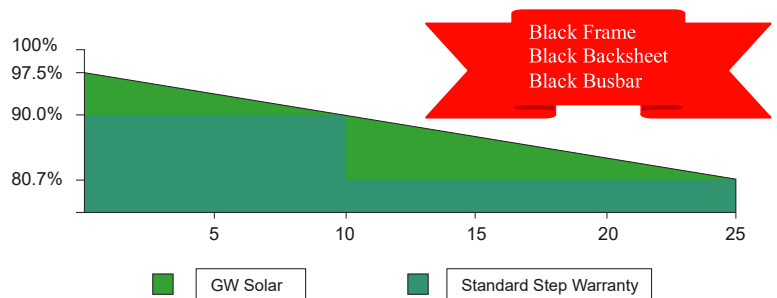
| | |
|-------------------------|--------------------|
| GW - BP16/60 | 260~285W |
| Poly-Super Black Module | Power Output Range |
| 17.5% | 0~+5W |
| Maximum Efficiency | Power Tolerance |

Product Specifications Book

- 
 PID free module
 Anti-PID cell technology
 Anti-PID encapsulation technology
- 
 UL 1703, IEC 61215, IEC 61730 and CE
 ISO 9001 for Quality Management Systems
 ISO 14001 for Environmental Management Systems
 ISO 18001 Occupational Health and Safety System
- 
 Lower annual power degradation and current sorting reduces the mismatch power loss in system operation
- 
 Improve safety
 1500VDC (TUV) / 1500VDC (CSA) certified
 2 EL inspections per cell/module for defect-free consistency
- 
 Load certificates: wind to 2400Pa and snow to 5400Pa



LINEAR PERFORMANCE WARRANTY

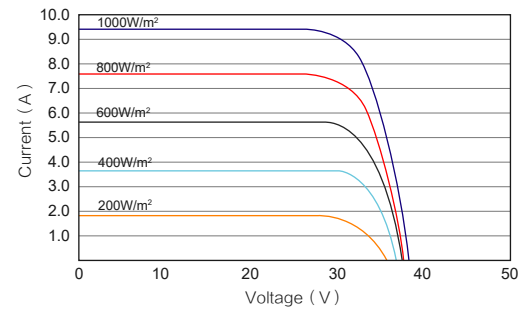


Munich RE Insurance Global Coverage

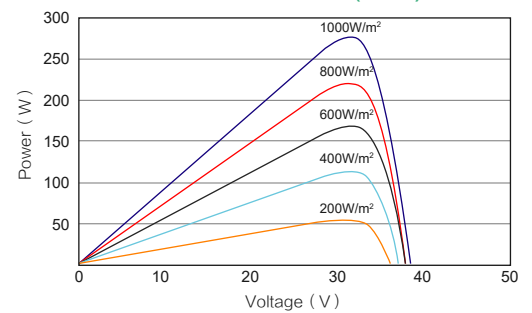
Electrical Specifications (standard test conditions)

| | | | | | | |
|---|--------|------|------|------|------|------|
| Maximum Power -PMAX (Wp) | 260 | 265 | 270 | 275 | 280 | 285 |
| Power Tolerance -PMAX (W) | 0 ~ +5 | | | | | |
| Maximum power point of operating voltage -VMPP (V) | 30.6 | 30.8 | 30.9 | 31.1 | 31.4 | 31.7 |
| Maximum power point of operating current -IMPP (A) | 8.50 | 8.61 | 8.73 | 8.84 | 8.92 | 9.01 |
| Open circuit voltage -Voc (V)* | 38.2 | 38.3 | 38.4 | 38.5 | 38.7 | 38.9 |
| Short circuit current -Isc (A) | 9.00 | 9.10 | 9.18 | 9.25 | 9.34 | 9.42 |
| Module Efficiency η_m (%) | 15.9 | 16.2 | 16.6 | 16.9 | 17.2 | 17.5 |
| Standard test conditions under Measured Value:(air quality AM1.5, Irradiance 1000W / m ² , cell temperature 25 ° C) | | | | | | |

I-V Curves (280)



P-V Curves (280)



Electrical Index (under nominal operating cell temperature conditions)

| | | | | | | |
|---|------|------|------|------|------|------|
| Maximum Power-PMAX (Wp) | 193 | 197 | 200 | 204 | 207 | 211 |
| Maximum power point of operating voltage -VMPP (V) | 28.4 | 28.6 | 28.7 | 29.0 | 29.2 | 29.4 |
| Maximum power point of operating current -IMPP (A) | 6.81 | 6.89 | 6.97 | 7.03 | 7.10 | 7.17 |
| Open circuit voltage -Voc (V)* | 35.4 | 35.5 | 35.5 | 35.6 | 35.8 | 35.9 |
| Short circuit current -Isc (A) | 7.27 | 7.35 | 7.41 | 7.47 | 7.55 | 7.57 |
| NOCT: Irradiance 800W / m ² , ambient temperature of 20 ° C, wind speed 1m / s | | | | | | |

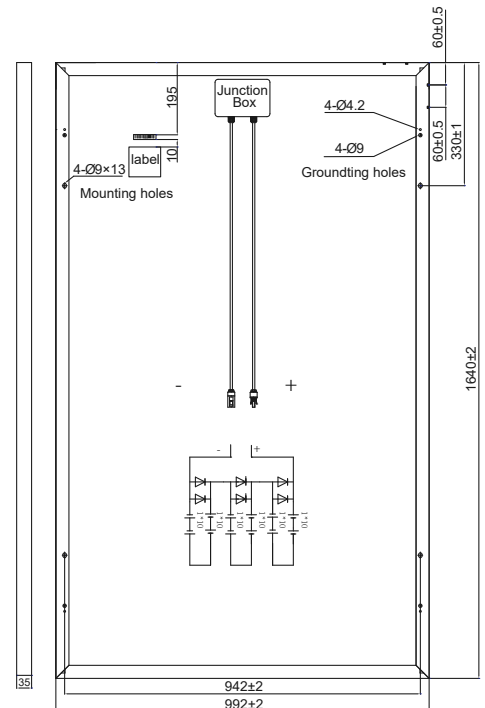
Temperature Rating

Limit parameter

| | | | |
|---|-------------|----------------------------|---------------|
| Nominal Operating Cell Temperature (NOCT) | 44°C (±2°C) | Working Temperature | -40~+85°C |
| Maximum power (PMAX) Temperature Coefficient | - 0.39%/°C | Maximum fuse rated Current | 15A |
| Open-circuit voltage (VOC) Temperature Coefficient | - 0.29%/°C | Maximum system voltage | 1500VDC (TUV) |
| Short circuit current (ISC) Temperature Coefficient | 0.05%/°C | Maximum system voltage | 1500VDC (CSA) |

Mechanical Specifications

| | |
|-----------------|--|
| Solar cell Type | 156.75mm × 156.75mm Poly-crystalline |
| Number of Cells | 1 module 60pieces (6 × 10) |
| Dimensions | 1640*992*35mm 64.57*39.06*1.38 inch |
| Weight | 18.6 kg |
| Glass | 3.2mm, High transparency, anti-reflective coatings toughened glass |
| Junction Box | Protection level IP 68 |
| Frame | Black, anodized aluminum |
| Backsheet | Black |
| Busbar | Black |
| Cable | 4.0 mm ² , 1000 mm Photovoltaic dedicated cables |
| Connector | MC4 compatible |



Warranty

- 15-year warranty for product
- 25-year warranty for linear power
- Please refer to product warranty for details

Packaging Method

- Modules per box: 30 pcs
- Modules per 40 ft container: 840 pcs
- Installation depends on the mechanical load