



SUNPLUS ENERGY

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G1 (158.75mm)

Monocrystalline module

Mono Module

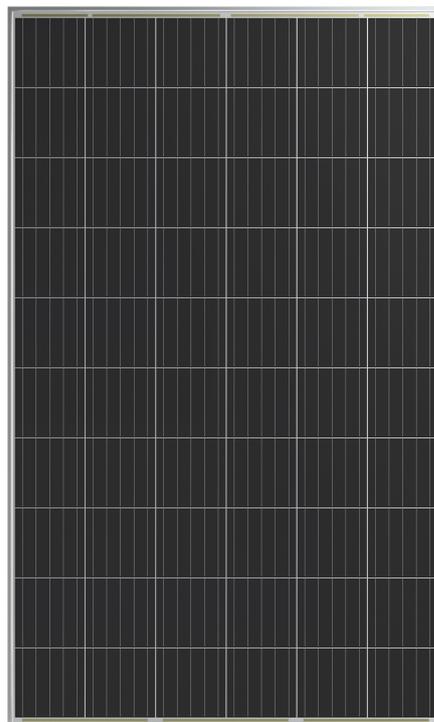
60 Cells

Sliver frame or black frame

12 Years Product warranty

25 Years Linear power warranty

Integrated Solar Manufacturing & Technology Since 1964



330W

Output power

0~+5W

Power tolerance

Better Performance

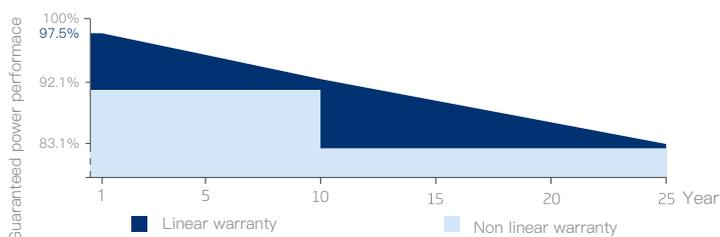
Lower Heat Loss of Internal- resistance

Better Reliability

Reduce Shading & Risk of Micro Crack

Design for Harsh Environment

Resistant to Salt, Ammonia, Dust & Sand



G1(158.75mm) Monocrystalline module

Electrical Parameter(STC)

| | | | |
|--------------------------|--|--------|--------|
| Maximum power | 320 | 325 | 330 |
| Working point voltage | 33.60 | 33.90 | 34.20 |
| Working point current | 9.52 | 9.59 | 9.66 |
| Open circuit voltage | 40.37 | 40.67 | 40.97 |
| Short circuit current | 10.24 | 10.31 | 10.34 |
| PV module efficienc | 19.48% | 19.79% | 20.10% |
| Standard test conditions | AM1.5, Irradiance 1000w/m ² , Cell Temperature 25°C | | |

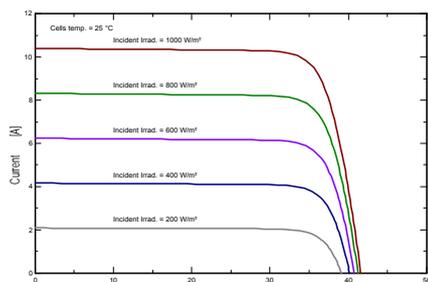
Electriacl Parameter(NMOT)

| | | | |
|-----------------------|-------|-------|-------|
| Maximum power | 233.3 | 237.9 | 241.7 |
| Working point voltage | 30.3 | 30.6 | 30.9 |
| Working point current | 7.69 | 7.78 | 7.82 |
| Open circuit voltage | 37.1 | 37.3 | 37.6 |
| Short circuit current | 8.31 | 8.33 | 8.35 |

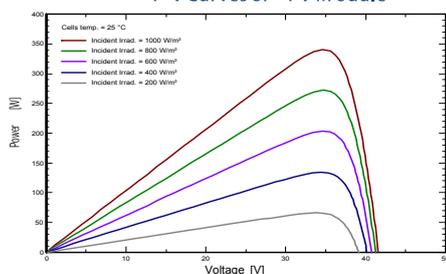
NMOT The irradiance is 800W/m², the ambient temperature is 20 degrees, and the wind speed is 1m/s

The Electrical performance parameters are neither just referred to one PV panel, nor are a part of the contract; They are only used as reference.

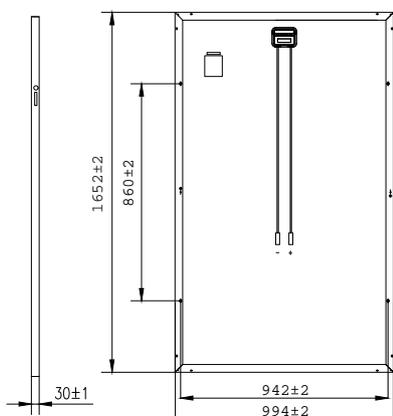
I-V Curves of PV Module



P-V Curves of PV Module



Power Range
320-330W



Mechanical Parameters

| | |
|--------------------------|--|
| Module size | 1652*994*30mm |
| Number of solar cells | 158.75mmx158.75mm; 60pcs(6*10) |
| Weight | 18Kg ±5% |
| Junction Box | IP68, 3 diodes |
| Cables | 4mm ² , 900mm, (Customizable) |
| Front plate glass | Ultra white AR coated toughened glass |
| Static load on the front | 5400Pa |
| Static load on the back | 2400Pa |

Packaging&Transport

40'HQ container transport 36 Pcs/box × 28box =1008Pcs

Temperature Parameter

| | |
|------|-----------|
| NMOT | 45±2°C |
| Pmax | -0.34%/°C |
| Voc | -0.25%/°C |
| Isc | +0.04%/°C |

Maximum Ratings

| | |
|----------------------------|-----------|
| Working temperature | -40~+85°C |
| Maximum system voltage | 1500VDC |
| Maximum fuse rated current | 30A |



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