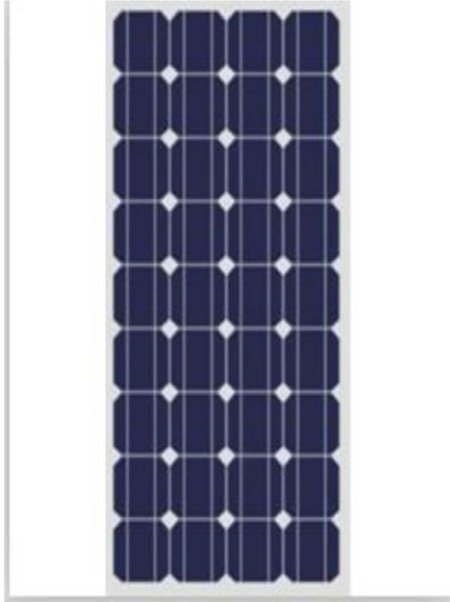


M36PCS-165W 160W 155W 150W Product Specification



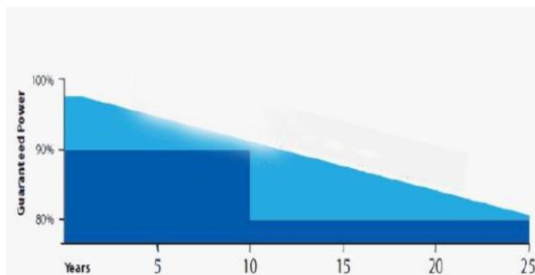
- Industry leading module power output warranty
- International quality, safety and performance certifications
- Manufacturing facility certified to ISO9001 Quality Management System standards
- Beautiful appearance, good durability & easy installation
- Special design in accordance with requirements of customers

CERTIFICATES

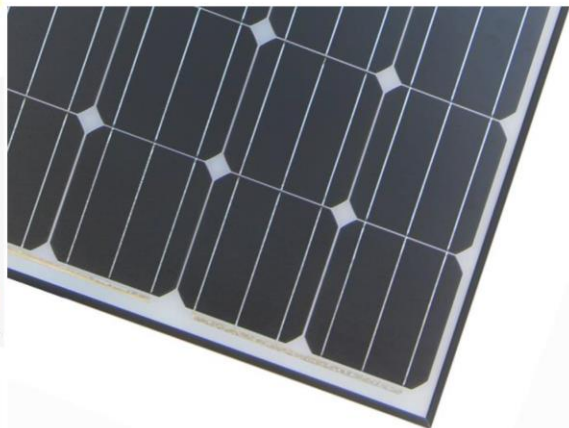


WARRANTIES

- 10 years for product defects in materials & workmanship
- 10 years for 90% of warranted minimum power output
- 25 years for 80% of warranted minimum power output



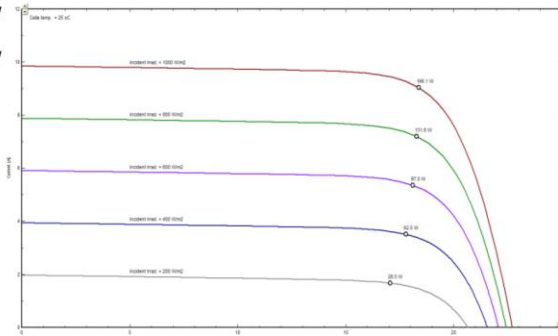
25 years linear warranty



Electrical parameters at Standard Test Conditions
(STC:AM=1.5, 1000W/m², cells Temperature 25°C)

I-V CURVE

| | | | | |
|-----------------------------|---------|-------|-------|------|
| Typical Type | 165W | 160W | 155W | 150W |
| Max-Power (Pmax) w | 165W | 160W | 155W | 150W |
| Max-Power Voltage (Vmp) | 18.92 | 18.89 | 18.66 | 18.6 |
| Max-Power Current (Imp) | 8.72 | 8.47 | 8.3 | 8.06 |
| Open-Circuit Voltage(Voc) | 22.71 | 22.67 | 22.39 | 22.3 |
| Short-Circuit Current (Isc) | 9.85 | 9.57 | 9.37 | 9.1 |
| Max-System Voltage | DC1000V | | | |
| Cell efficiency (%) | 19.75 | 19.16 | 18.56 | 18 |



MECHANICAL DATA

TEMPERATURE CHARACTERISTICS

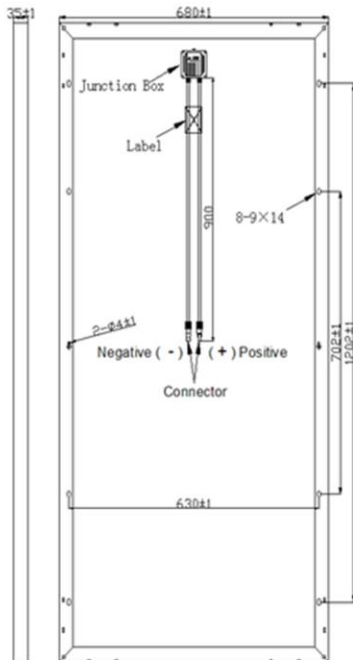
| | |
|---------------------------|--|
| Dimensions | 1482*680*35mm |
| Weight | 12kgs |
| Front Glass | 3.2 mm tempered glass TUV (2Pfg1169:2007) |
| Output Cables: | 900mm ² (0.006 inches ²), symmetrical lengths 1000 mm |
| Connectors: cell type: | MC4 compatible IP67 Mono Crystalline silicon, 156mmx156mm |
| Number of cells: | 36cells in series |

| | |
|------------------------------------|---------------|
| Temp.Coeff.of Isc(TK Isc) | 0.037% / °C |
| Temp.Coeff.of Voc(TK Voc) | (-0.34%) / °C |
| Temp.Coeff.of Pmax(TK Pmax) | (-0.48%) / °C |
| Operating Temperature | (-40~+85)°C |
| Nominal Operating Cell Temperature | 45 +2 °C |

DIMENSIONS AND STRUCTURE

PACKING CONFIGURATION

| | | | |
|-----------------------|-------|-------|-------|
| Container | 20'GP | 40'GP | 40'HQ |
| Pieces per Pallet | 64 | 64 | 80 |
| Pallets per Container | 7 | 15 | 15 |
| Pieces per Container | 448 | 960 | 1200 |



TESTS, CERTIFICATIONS AND WARRANTIES

| | |
|-------------------------------------|---|
| Standard tests | IEC 61215, IEC 61730 |
| System certs | ISO 9001, ISO 14001 |
| Certifications | TUV, CE, MCS, PV CYCLE, CEC, CHUBB |
| Extreme wind and snow loads testing | withstand extreme wind (3800 Pascal) and snow loads (5400 Pascal) |
| Positive tolerance | ±3% |
| Junction Box | IP67 Rated |
| Warranties | 10-year material and workmanship and 25-year output at least 80%. |