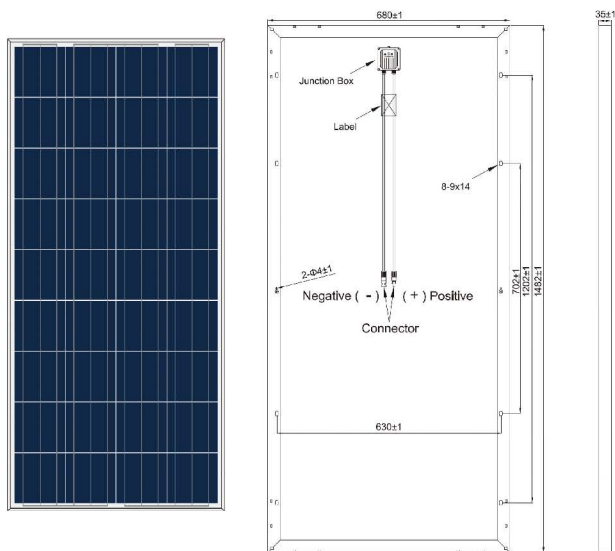
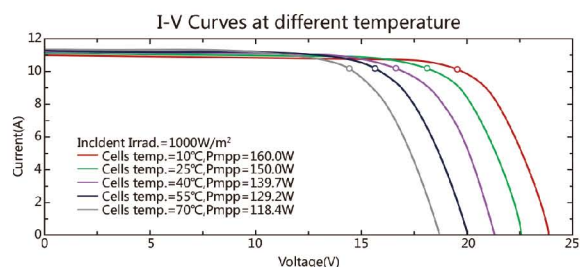
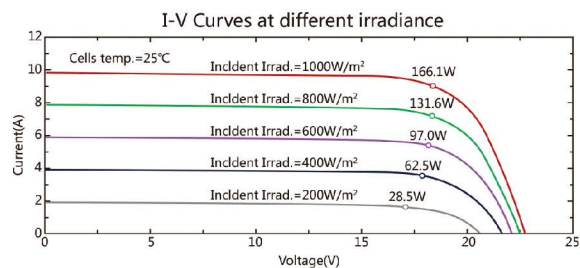


Poly-crystalline Module 140~165 Watt

Engineering Drawings



I-V Curve



Electrical Parameters at STC

| Model | YS140P-36 | YS145P-36 | YS150P-36 | YS160P-36 | YS165P-36 |
|-----------------------------|-----------|-----------|-----------|-----------|-----------|
| Rated Maximum Power at STC | 140W | 145W | 150W | 160W | 165W |
| Maximum Power Voltage (Vmp) | 17.98V | 18.06V | 18.11V | 18.21V | 18.25V |
| Maximum Power Current (Imp) | 7.78A | 8.03A | 8.28A | 8.79A | 9.05A |
| Open Circuit Voltage (Voc) | 22.31V | 22.38V | 22.47V | 22.59V | 22.65V |
| Short Circuit Current (Isc) | 8.43A | 8.62A | 8.78A | 8.96A | 9.01A |
| Module Efficiency | 14.12% | 14.62% | 15.13% | 16.14% | 16.64% |
| Power Tolerance | 0~+3% | 0~+3% | 0~+3% | 0~+3% | 0~+3% |

STC: Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

Mechanical Parameters

| | |
|----------------------|--|
| Cell Type | Poly-crystalline 156x156mm (6inch) |
| No. of Cells | 36 (4x9) |
| Dimension | 1482x680x30/35mm |
| Weight | 11.5kg (approx) |
| Glass | 3.2mm, High Transmission, Low Iron, Tempered Glass |
| Junction Box | IP65 & IP67 Rated |
| Output Cable | Length: 600mm |
| Frame | Anodized Aluminum Alloy |
| No. of Bypass Diodes | 2 |
| Connector | MC4 Compatible |

Working Conditions

| | |
|------------------------|--------------------------|
| Maximum System Voltage | DC 1000V(IEC) / 600V(UL) |
| Operating Temperature | -40°C~+85°C |
| Maximum Series Fuse | 15A |
| NOCT | 45 ± 2°C |
| Application Class | Class A |

Temperature Coefficient

| | |
|---------------------------------|-----------|
| Temperature Coefficient of Pmax | -0.41%/°C |
| Temperature Coefficient of Voc | -0.31%/°C |
| Temperature Coefficient of Isc | +0.06%/°C |

Standard Packaging Configuration

| | | | |
|------------------|-------|-------|-------|
| Container Type | 20'GP | 40'GP | 40'HQ |
| Pallets Quantity | 12 | 24 | 24 |
| Module Quantity | 552 | 1104 | 1248 |