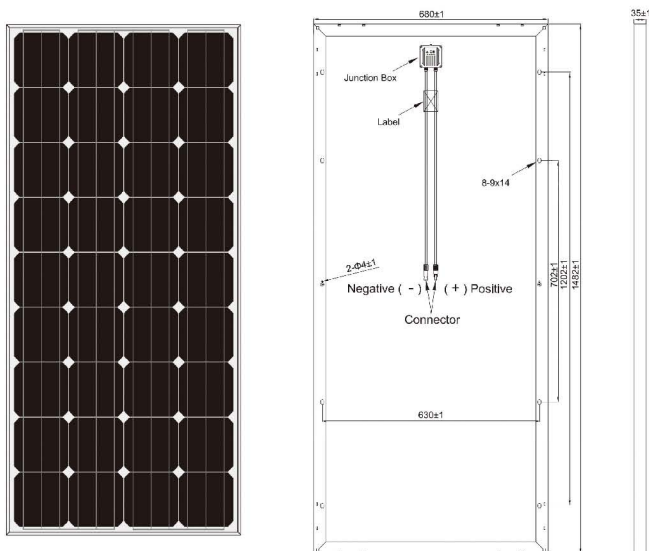
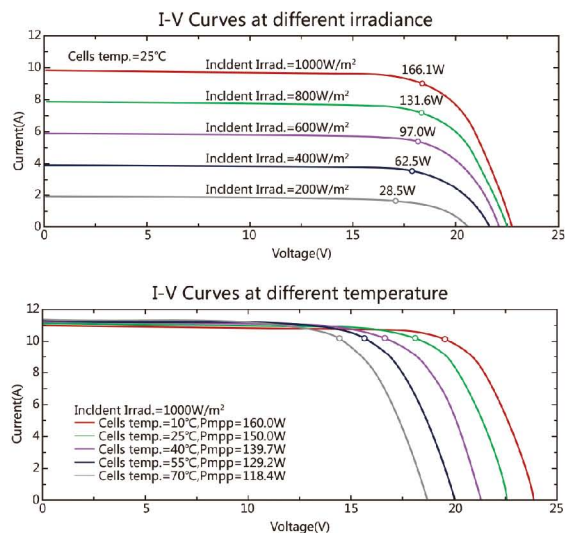


Mono-crystalline Module 150~170 Watt

Engineering Drawings



I-V Curve



Electrical Parameters at STC

Model	YS150M-36	YS155M-36	YS160M-36	YS165M-36	YS170M-36
Rated Maximum Power at STC	150W	155W	160W	165W	170W
Maximum Power Voltage (Vmp)	18.11V	18.17V	18.22V	18.26V	18.29V
Maximum Power Current (Imp)	8.28A	8.53A	8.79A	9.06A	9.32A
Open Circuit Voltage (Voc)	22.48V	22.54V	22.59V	22.66V	22.73V
Short Circuit Current (Isc)	8.79A	8.88A	8.97A	9.08A	9.16A
Module Efficiency	15.13%	15.63%	16.14%	16.64%	17.15%
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	Mono–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℃~+85℃
Maximum Series Fuse	15A
NOCT	45 ± 2℃
Application Class	Class A

Temperature Coefficient

Temperature Coefficient of Pmax	-0.40%/°C
Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	+0.05%/°C

Standard Packaging Configuration

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