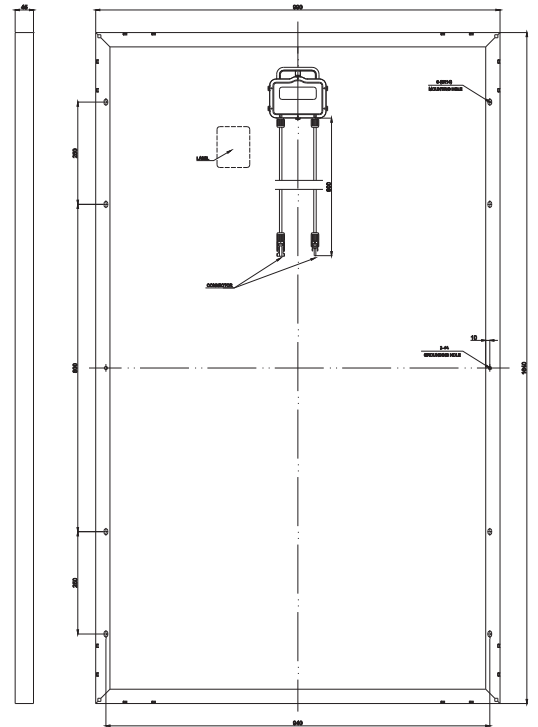


Mechanical Characteristics

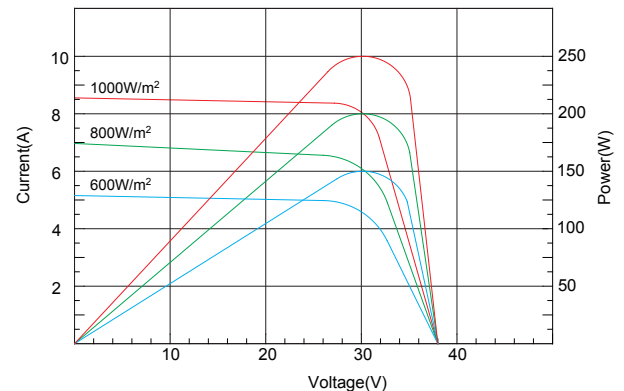
Type of cell	Poly-Crystalline 156x156mm
Cells Array and Number	6x10(60pcs)
Dimensions	1640x990x45mm
Weight	18.5Kg
Front Glass	3.2mm Tempered Glass
Frame	Anodized Aluminium Alloy
Encapsulation	Glass/EVA/Cells/EVA/TPT
Relative Humidity	0 to 100%
Resistance	227g steel ball fall down from 1m height and 60m/s wind
Snow load parameters	2400Pa



Temperature Coefficients

Nominal Operating Cell Temperature(NOCT)	45 °C ± 5 °C
Temperature Coefficient of Pmax	-(0.410 ± 0.05)%/K
Temperature Coefficient of Voc	-(0.320 ± 0.01)%/K
Temperature Coefficient of Isc	-(0.050 ± 0.05)%/K
Maximum Series Fuse/current rating	10A

I-V Characteristics Curve



Electrical Characteristics

Characteristics	245W	250W	255W	260W
Open-Circuit Voltage(Voc)	37.95V	38.33V	38.59V	38.82V
Optimum Circuit Voltage(Vmp)	30.55V	30.79V	31.18V	31.52V
Short-Circuit Current(Isc)	8.58A	8.68A	8.72A	8.83A
Optimum Circuit Current(Imp)	8.02A	8.12A	8.18A	8.25A
Maximum Power at STC(Pmax)	245W	250W	255W	260W
Module Efficiency	15.08%	15.39%	15.59%	16.01%
Operating Temperature	-40 °C to +85 °C			
Maximum System Voltage	1000V DC			
Power tolerance	±3%			
STC: Irradiance 1000W/m², Module temperature 25 °C, AM=1.5				