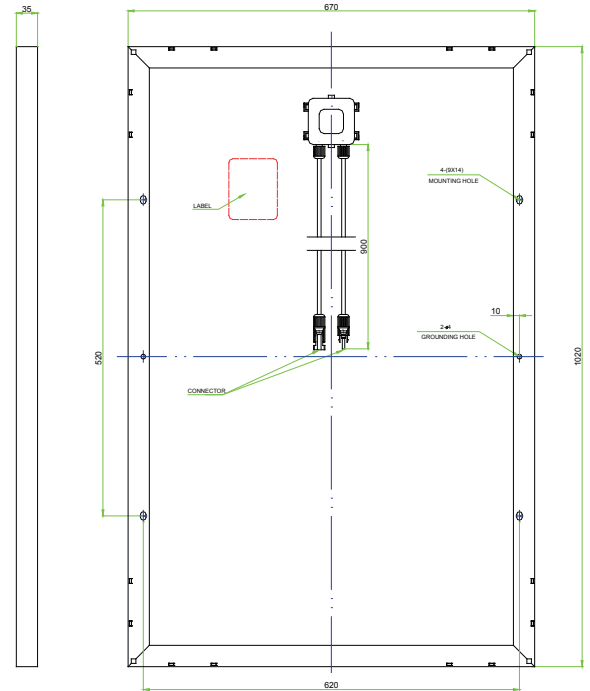




SE-156*104-P-36

Mechanical Characteristics

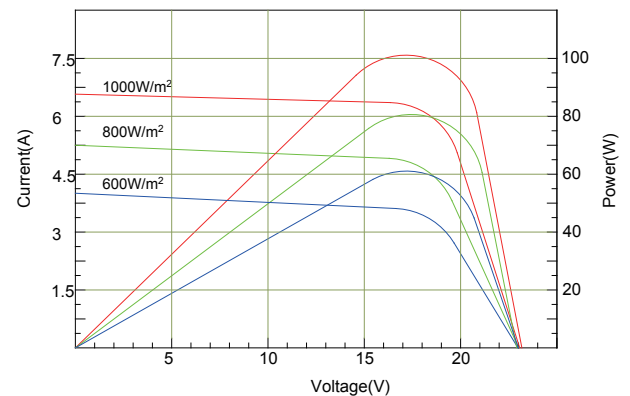
Type of cell	Poly-Crystalline 156x104mm
Cells Array and Number	4x9(36pcs)
Dimensions	1020x670x35mm
Weight	9.5Kg
Front Glass	3.2mm Tempered Glass
Frame	Anodized Aluminium Alloy
Encapsulation	Glass/EVA/Cells/EVA/TPT
Relative Humidity	0 to 100%
Resistance	227g steel ball fall down from 1m height and 60m/s 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	95W	100W	105W
Open-Circuit Voltage(Voc)	21.52V	21.61V	22.11V
Optimum Circuit Voltage(Vmp)	17.36V	17.43V	17.83V
Short-Circuit Current(Isc)	5.85A	6.13A	6.29A
Optimum Circuit Current(Imp)	5.47A	5.73A	5.88A
Maximum Power at STC(Pmax)	95W	100W	105W
Module Efficiency	13.90%	14.63%	15.36%
Operating Temperature	-40 °C to +85 °C		
Maximum System Voltage	1000V DC		
Power tolerance	±3%		
STC: Irradiance 1000W/m ² , Module temperature 25 °C, AM=1.5			