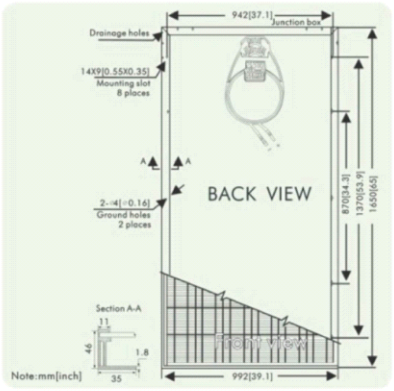
Electrical Characteristics

Characteristics	SR156P-210	SR156P-220	SR156P-230	SR156P-240	SR156P-250	SR156P-260
Maximum power at STC (Pmax)	210Wp	220Wp	230Wp	240Wp	250Wp	260Wp
Open-Circuit Voltage(Voc)	36.4V	36.8V	37V	37.5V	38V	38.5V
Optimum Operating Voltage(Vmp)	29.2V	29.8V	30V	30.6V	31.2V	31.8V
Short-Circuit Current (Isc)	7.86A	8.00A	8.18A	8.38A	8.65A	8.91A
Optimum Operating Current(Imp)	7.19A	7.39A	7.66A	7.84A	8.02A	8.17A
Module Efficiency	13.70%	14.30%	15.00%	15.80%	16.50%	17.10%
Solar Cell Eficiency	14.50%	15.00%	15.75%	16.50%	17.25%	17.75%
Operating Temperature	-40°C to + 85°C					
Maximum System Voltage	1000V DC					
Seriec Fuse Rating	16A					
Power Tolerance	±1.5%					

STC : Irradiance 1000W/m², Module temperature 25°C,AM=1.5

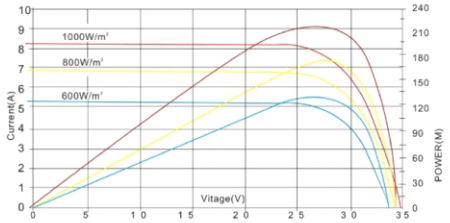


Mechanical Characteristics	
Solar cell	Poly -crystalline 156×156mm (6inch)
No.of cells	60(6×10)
Dimensions	1650×992×46mm
Weight	23kg
Front Glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	PV-RH701 (TUV)

Temperature Coefficents	
Temperature Coefficents	
Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficent of Pmax	-(0.47±0.05)%/°C
Temperature Coefficent of Voc	-(0.34±0.01)%/°C
Temperature Coefficent of Isc	-(0.055±0.01)%/°C

WARRANTY	
Manufacturing	8years
Power production	90% =12 years
	80% =25 years

Current–Voltage & Power–Voltage Curve(220W)



Temperature Dependence ofIsc,Voc,Pmax