

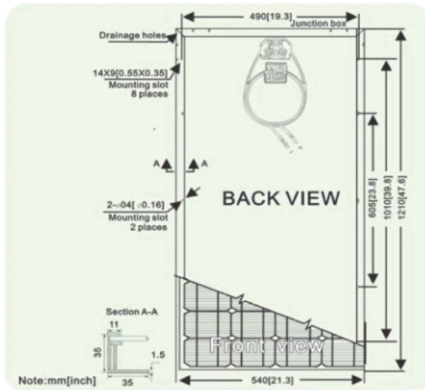


SR125M-70
 SR125M-80
 SR125M-90
 SR125M-100

Electrical Characteristics

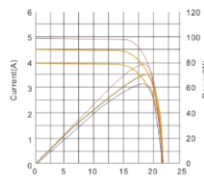
Characteristics	SR125M-70	SR125M-80	SR125M-90	SR125M-100
Maximum power at STC (Pmax)	70Wp	80Wp	90Wp	100Wp
Open-Circuit Voltage(Voc)	21.45V	21.85V	22.25V	22.45V
Optimum Operating Voltage(Vmp)	17.2V	17.6V	18V	18.4V
Short-Circuit Current (Isc)	4.6A	5.02A	5.39A	5.75A
Optimum Operating Current(Imp)	4.07A	4.55A	5A	5.43A
Module Efficiency	12.45%	14.00%	16.10%	17.80%
Solar Cell Efficiency	13.25%	14.75%	16.75%	18.50%
Operating Temperature	-40°C to + 85°C			
Maximum System Voltage	1000V DC			
Series Fuse Rating	11A			
Power Tolerance	±1.5%			

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



Mechanical Characteristics	
Solar cell	Mono-crystalline 125×125mm (5inch)
No. of cells	36(4×9)
Dimensions	1210×540×35mm
Weight	8.5kg
Front Glass	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	PV-RH701 (TUV)
Temperature Coefficients	
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WARRANTY	
Manufacturing	8 years
Power production	90% =12 years 80% =25 years

Current–Voltage & Power–Voltage Curve(80W)



Temperature Dependence of Isc, Voc, Pmax

