



Quality is our life

SE-210*70-100~105M-33

Mechanical characteristics

Cell type	Monocrystalline 210x70mm
Number and arrangement of cells	3x11(33pcs)
Dimensions	840x670x30mm
Weight	6.5Kg
Front glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Encapsulation	Crystal/EVA/Cell/ EVA/TPT
RH	0 to 100%
Endurance	A 227g steel ball falling from a height of 1m and a wind speed of 40m/s
Snow load parameters	2400Pa

Temperature Coefficients

Nominal operating temperature in the cell	45 ± 2
Maximum power temperature	$-(0.370\pm 0.05)\%/K$
Open Circuit Voltage Temperature	$-(0.280\pm 0.02)\%/K$
Short Circuit Current Temperature	$+(0.048\pm 0.005)\%/K$
Maximum fuse current	10A

Electrical Characteristics

Model(XXX)	100	105	110
open circuit voltage	21.3	21.38	21.42
Short circuit current	5.93	6.11	6.39
Optimal circuit voltage	18.15	18.20	18.23
Optimal circuit current	5.50	5.77	6.03
Maximum operating power in STC	100	100	100
Module efficiency	17.76%	18.65%	19.50%
Operating temperature	-40 to $+85$		
Maximum system voltage	600V DC		
Output Power Tolerance	0~+5W		
STC: Irradiation 1000W/m ² , module temperature 25°C, AM (air mass)=1.5			

* Power test tolerance: $\pm 3\%$ 