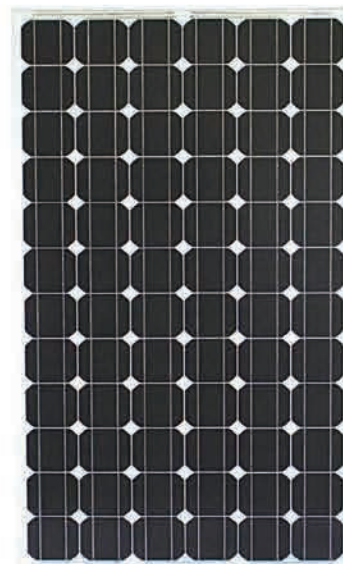


## Electrical Characteristics (typical value at STC)

Maximum Power	(Pmax)	155W	160W	165W	170W	175W	180W
Open circuit voltage	(Voc)	43.3V	43.4V	43.6V	44.2V	44.2V	44.2V
Short circuit current	(Isc)	4.84A	5.09A	5.10A	5.15A	5.25A	5.36A
Maximum power voltage	(Vmp)	34.3V	34.5V	35.4V	35.6V	35.8V	36.2V
Maximum power current	(Imp)	4.52A	4.64A	4.66A	4.78A	4.89A	4.97A
Module efficiency		12.1%	12.5%	12.9%	13.3%	13.7%	14.1%
Tolerance		±3%					
Fuse Rating		10A					
Maximum system voltage		DC1000V					

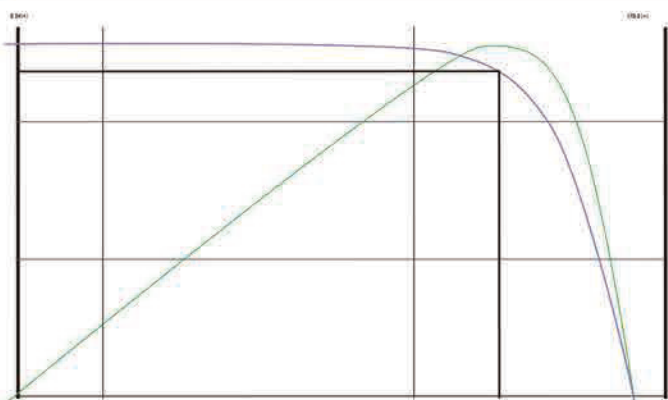
## Mechanical Characteristics

Dimension	1580×808×35mm
Cell type	125×125mm;72 Mono-crystalline cells connected in series
Weight	16.5kg
Classification	Safety class II;Application class A;Fire resistance class C;IP65
Mechanical load	5400Pa
Layer structure	Glass-EVA-Cells-EVA-substrate
Diode	3 Schottky diodes,each two parallel bypasses 24 cells;10A/50V

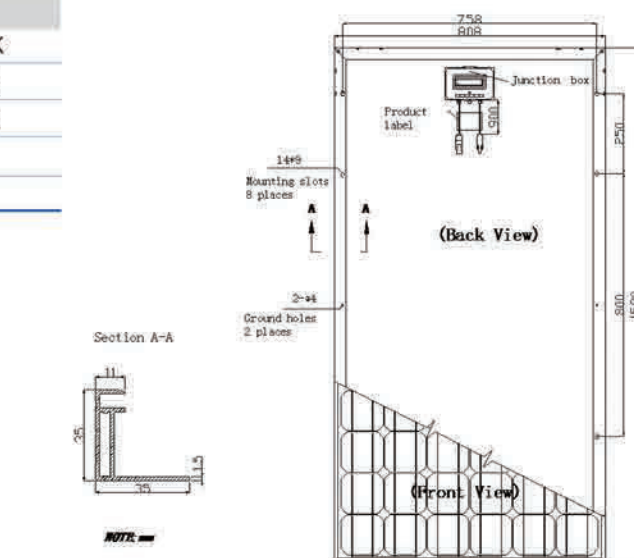


## Thermal Characteristics

Temperature coefficient of ISC and Imp	(α)	0.028—0.069%/K
Temperature coefficient of Voc and Vmp	(β)	-0.34— -0.39%/K
Temperature coefficient of Pmpp	(γ)	-0.46— -0.53%/K
NOCT		47±3°C
Operating temperature		-40 to 85°C



Voc: 44.8V	Pm: 179.2W
Isc: 5.34A	Vm: 36.57V
FF: 74.8%	Rser: 0.92 Ohm
Im: 4.90A	Rsht: 221 Ohm



## Packing Configuration

Container	20'GP	40'HC
Pieces per pallet	58	58
Pallets per container	6	14
Pieces per container	348	812