

Electrical Characteristics (typical value at STC)

Maximum Power	(Pmax)	185W	190W	195W	200W	205W	210W
Open circuit voltage	(Voc)	44.6V	44.9V	44.9V	45.0V	45.2V	45.5V
Short circuit current	(Isc)	5.60A	5.72A	5.80A	5.85A	5.89A	5.94A
Maximum power voltage	(Vm)	37.0V	37.2V	37.3V	37.4V	37.5V	37.7V
Maximum power current	(Im)	5.00A	5.11A	5.23A	5.36A	5.47A	5.57A
Module efficiency		14.5%	14.9%	15.3%	15.7%	16.1%	16.5%
Tolerance		±3%					
Fuse Rating		10A					
Maximum system voltage		DC1000V					

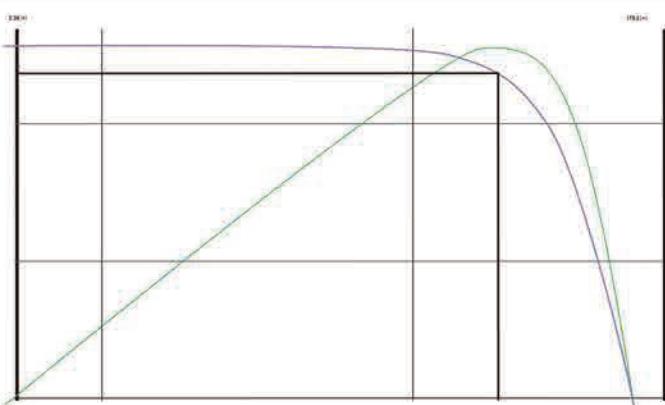


Mechanical Characteristics

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

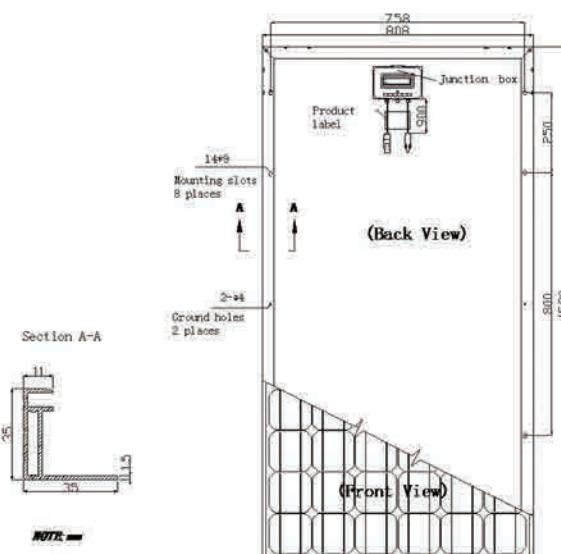


Voc: 44.8V Pm: 179.2W

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