

Electrical Characteristics (typical value at STC)

Maximum Power	(Pmax)	200W	205W	210W	215W	220W	225W
Open circuit voltage	(Voc)	35.9V	36.2V	36.4V	36.5V	36.84V	36.89V
Short circuit current	(Isc)	7.53A	7.65A	7.91A	7.96A	8.06A	8.22A
Maximum power voltage	(Vmp)	28.4V	28.5V	28.7V	28.9V	29.0V	29.5V
Maximum power current	(Imp)	7.04A	7.19A	7.31A	7.44A	7.60A	7.63A
Module efficiency		12.3%	12.6%	13.0%	13.2%	13.5%	13.8%
Tolerance		±3%					
Fuse Rating		15A					
Maximum system voltage		DC1000V					

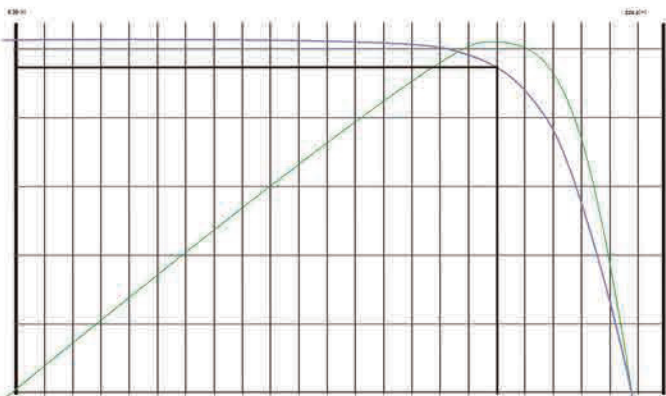


Mechanical Characteristics

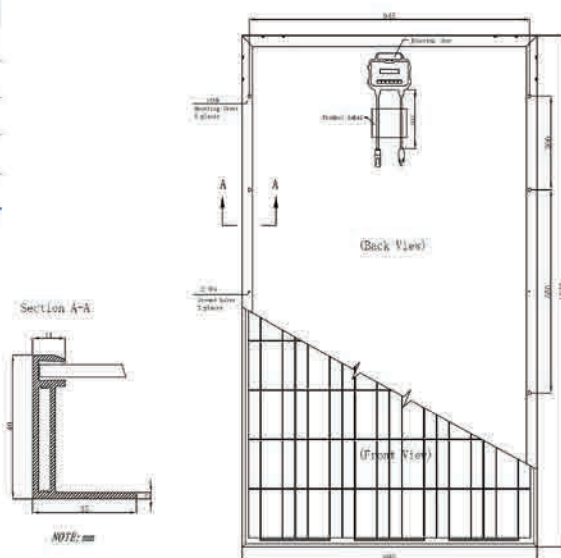
Dimension	1637×995×50mm (Optional Dimension: 1637×995×40mm)
Cell type	156×156mm; 60 Poly-crystalline cells connected in series
Weight	19.5kg / 18.5kg
Classification	Safety class II; Application class A; Fire resistance class C; IP67
Mechanical load	5400Pa
Layer structure	Glass-EVA-Cells-EVA-substrate
Diode	6 Schottky diodes, each two parallel bypass 20 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: 37.1V	Pm: 224.4W
Isc: 8.30A	Vm: 28.89V
FF: 72.9%	Rser: 0.53 Ohm
Im: 7.77A	Rsht: 200 Ohm



Packing Configuration

Container	20'GP	40'HC
Pieces per pallet	40/50	42/54
Pallets per container	6/6	14/14
Pieces per container	240/300	588/756