

## Electrical Characteristics (typical value at STC)

Maximum Power	(Pmax)	230W	235W	240W	245W	250W	255W
Open circuit voltage	(Voc)	36.9V	36.95V	37.0V	37.2V	37.4V	37.5V
Short circuit current	(Isc)	8.34A	8.52A	8.61A	8.72A	8.86A	9.00A
Maximum power voltage	(Vmp)	29.8V	30.1V	30.4V	30.5V	30.7V	30.9V
Maximum power current	(Imp)	7.71A	7.81A	7.91A	8.02A	8.14A	8.25A
Module efficiency		14.1%	14.4%	14.7%	15.0%	15.3%	15.7%
Tolerance		±3%					
Fuse Rating		15A					
Maximum system voltage		DC1000V					

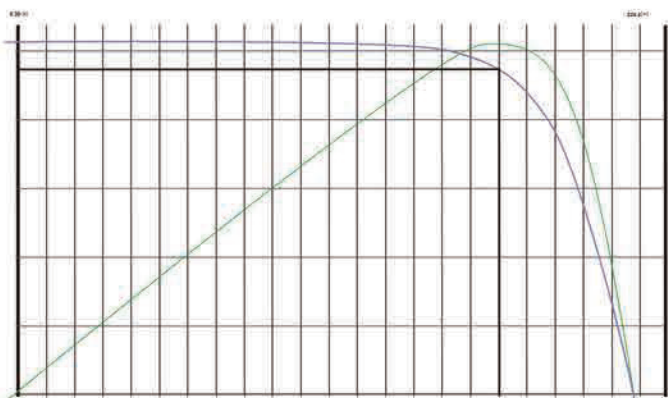


## Mechanical Characteristics

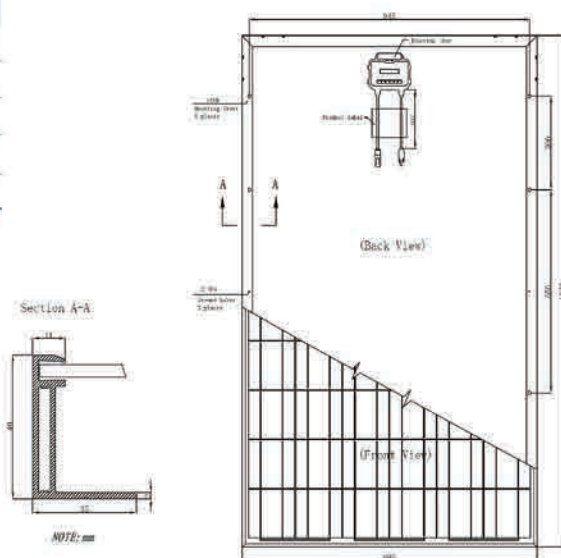
Dimension	1637×995×50mm (Optional Dimension: 1637×995×40mm)
Cell type	156×156mm; 60 Poly-crystalline cells connected in series
Weight	19.5kg / 18.5kg
Classification	Safety class II; Application class A; Fire resistance class C; IP67
Mechanical load	5400Pa
Layer structure	Glass-EVA-Cells-EVA-substrate
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