

Electrical Characteristics (typical value at STC)

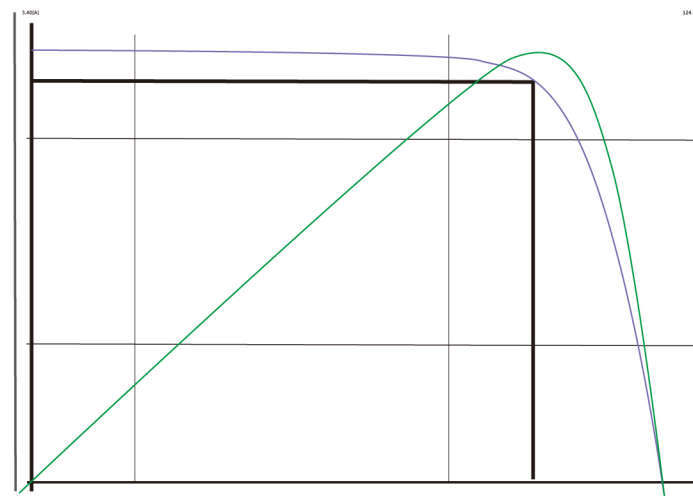
Maximum Power	(Pmax)	165W	170W	175W	180W	185W	190W
Open circuit voltage	(Voc)	43.6V	44.2V	44.2V	44.2V	44.6V	44.9V
Short circuit current	(Isc)	5.10A	5.15A	5.25A	5.36A	5.60A	5.72A
Maximum power voltage	(Vmp)	35.4V	35.6V	35.8V	36.2V	37.0V	37.2V
Maximum power current	(Imp)	4.66A	4.78A	4.89A	4.97A	5.00A	5.11A
Module efficiency		12.9%	13.3%	13.7%	14.1%	14.5%	14.8%
Tolerance		±3%					
Fuse Rating		10A					
Maximum system voltage		DC1000V					

Mechanical Characteristics

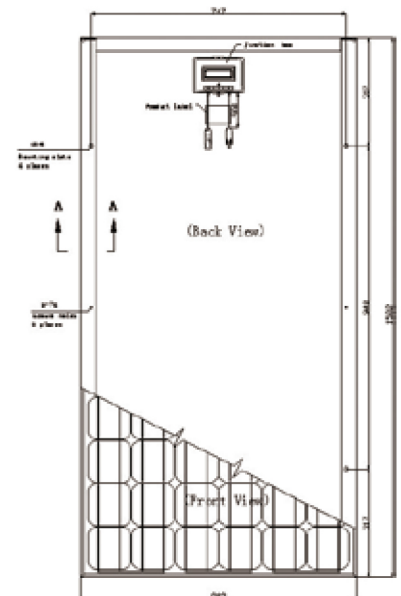
Dimension	1582×809×50mm(Optional Dimension:1580×808×35mm)
Cell type	125×125mm; 72 Mono-crystalline cells connected in series
Weight	16.5kg
Classification	Safety class II; Application class A; Fire resistance class C; IP65
Mechanical load	5400Pa
Layer structure	Glass-EVA-Cells-EVA-substrate
Diode	3 Schottky diodes, each 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 FF: 74.8% Pm: 179.2W Rser: 0.92 Ohm
Isc: 5.34A Im: 4.90A Vm: 36.57V Rsht: 221 Ohm



Packing Configuration

Container	20'GP	40'GP
Pieces per pallet	40	40
Pallets per container	6	14
Pieces per container	240	560

TYPE DESIGNATION

SLSM-195D,SLSM-200D,SLSM-205D,SLSM-210D

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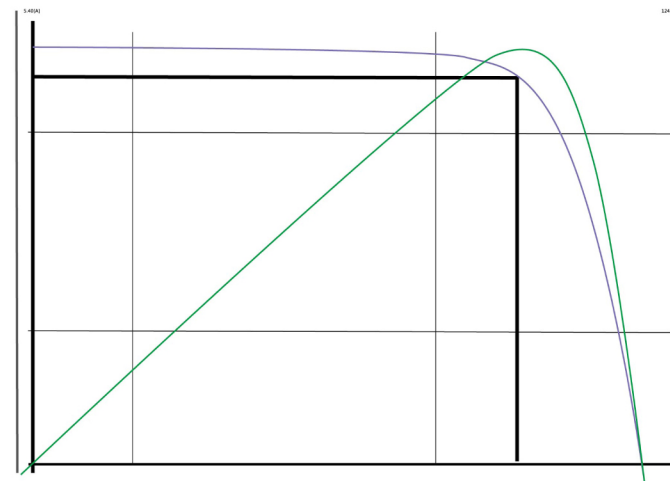
Maximum Power	(Pmax)	195W	200W	205W	210W
Open circuit voltage	(Voc)	44.9V	45.0V	45.2V	45.5V
Short circuit current	(Isc)	5.80A	5.85A	5.89A	5.94A
Maximum power voltage	(Vmp)	37.3V	37.4V	37.5V	37.7V
Maximum power current	(Imp)	5.23A	5.36A	5.47A	5.57A
Module efficiency		15.3%	15.7%	16.1%	16.4%
Tolerance		±3%			
Fuse Rating		10A			
Maximum system voltage		1000V			

Mechanical Characteristics

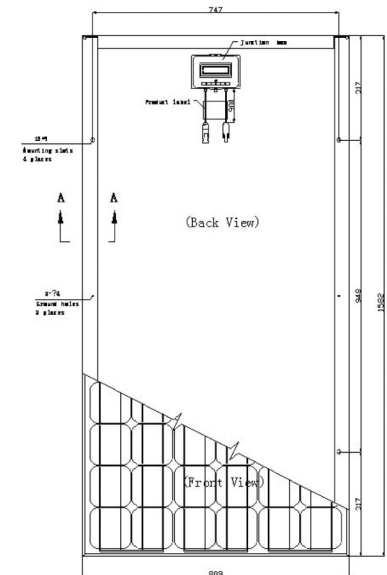
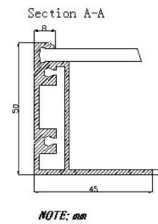
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