

TYPE DESIGNATION

GLSM-210P, GLSM-215P, GLSM-220P

GLSM-225P, GLSM-230P, GLSM-235P, GLSM-240P

Electrical Characteristics (typical value at STC)

Maximum Power	(Pmax)	210W	215W	220W	225W	230W	235W	240W
Open circuit voltage	(Voc)	36.4V	36.5V	36.84V	36.89V	36.9V	36.95V	37.0V
Short circuit current	(Isc)	7.91A	7.96A	8.06A	8.22A	8.34A	8.52A	8.61A
Maximum power voltage	(Vmp)	28.7V	28.9V	29.0V	29.5V	29.8V	30.1V	30.4V
Maximum power current	(Imp)	7.31A	7.44A	7.60A	7.63A	7.71A	7.81A	7.91A
Module efficiency		12.9%	13.2%	13.5%	13.8%	14.1%	14.4%	14.7%
Tolerance		±3%						
Fuse Rating		15A						
Maximum system voltage		DC1000V						

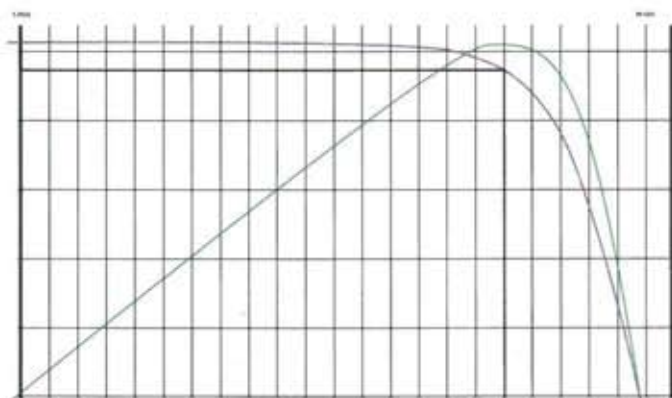


Mechanical Characteristics

Dimension	1637×995×46mm (Optional Dimension: 1637×995×50mm)
Cell type	156×156mm; 60 Poly-crystalline cells connected in series
Weight	19.5kg
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

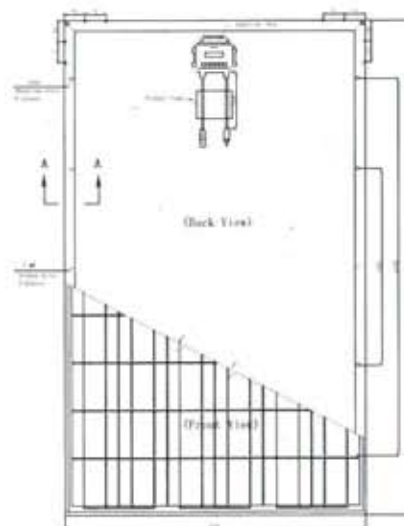
Temperature coefficient of ISC and Imp	(α)	0.028—0.069%/K
Temperature coefficient of Voc and Vmp	(β)	-0.34—-0.39%/K
Temperature coefficient of Pmpp	(γ)	-0.46—-0.53%/K
NOCT		47±3°C
Operating temperature		-40 to 85°C



Section 3-A



NOTE: see



Packing Configuration

Container	20'GP	40'HC
Pieces per pallet	40	46
Pallets per container	6	14
Pieces per container	240	644

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