

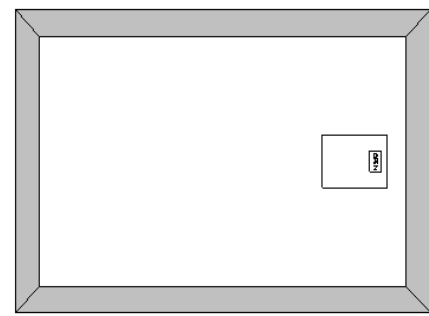
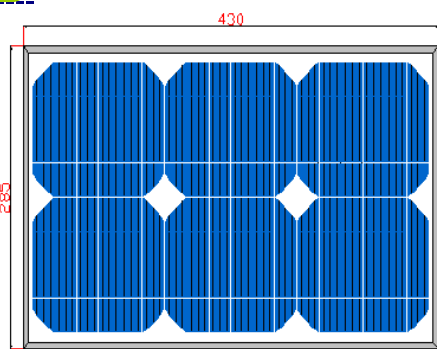


Professional And Reliable Solar Panel Manufacturer

Characteristics	GEP13.5-M	GEP14-M	GEP15-M
Maximum power(Pm)	13.5W	14.0W	15.0W
Power Tolerance	±5%	±5%	±5%
Voltage at max power(Vmp)	17.2V	17.3V	17.4V
Current at max power(Imp)	0.78A	0.80A	0.86A
Open circuit voltage(Voc)	21.6V	21.6V	21.6V
Short circuit current(Isc)	0.85A	0.89A	0.95A
Operating Temperature	- 40℃ — +85℃	- 40℃ — +85℃	- 40℃ — +85℃
Maximum System Voltage	700V	700V	700V
Maximum Series Fuse Rating	2A	2A	2A
Standard Test Condtion	Irrrandiance 1000W/m²,Module temperature 25℃,AM=1.5		

Mechanical Characteristics

- Solar cell : Monocrystalline silicon solar cell 125×125mm
- No.of cells and connections :36=2×18 pcs
- Dimension of module :430×285×25mm
- Weight :1.8kg
- Cable: None
- Front glass:3.2mm High Transmission,Low Iron,Tempered Glass
- Frame: Anodised aluminum Profile
- Junction Box :Ip54 rated
- Packing Configuration :10pcs/ctn,450×320×300mm
- Warranty :Pm is not less than 90% in 10 years and 80% in 20 years
- Resistances :227g stell ball fall down from 1m height and 60m/s wind



Temperature Characteristics

- Noct :48℃ ± 2℃
- Current temperature coefficient :0.06±0.01%/K
- Voltage temperature coefficient :-(78±10)MV/K
- Power temperature coefficient :-(0.5±0.05)%/K

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