

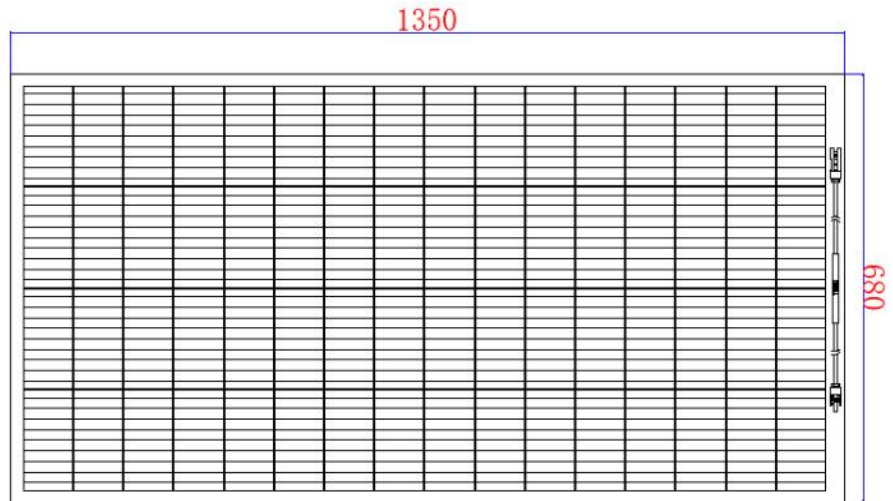


Professional And Reliable Solar Panel Manufacturer

Characteristics

Maximum power(Pm)	190W	195W
Power Tolerance	±3%	±3%
Voltage at max power(Vmp)	19.5V	19.8V
Current at max power(Imp)	9.74A	9.84A
Open circuit voltage(Voc)	22.6V	22.9V
Short circuit current(Isc)	10.5A	10.6A
Operating Temperature	- 40℃ — +85℃	
Maximum System Voltage	700V	
Maximum Series Fuse Rating	20A	

Drawing



Standard Test Condition Irrandiance 1000W/m², Module temperature 25℃, AM=1.5

Mechanical Characteristics

- Solar cell: 24% efficiency mono Hetero-junction solar cells
- No.of cells and connections: 64=4x16 pcs (1/2 cells)
- Dimension of module :1350*680*2mm
- Junction Box/Connector: Ip65 rated with MC4 on the frontside
- Materials: ETFE+EVA+polymer composite+SOLAR CELL+EVA+TPT
- Cables: Photovoltaic Technology cable (2.5mm²*0.9m)
- Weight: ≈2.10KG
- Packing Configuration:10pcs/ctn,100pcs/plywood case
- Solar cell efficiency: ≥24%
- Resistances: 800g stell ball fall down from 1m height and 60m/s wind



Temperature Characteristics

Noct: 46℃ ± 2℃	深圳市圣菲尔德新能源科技有限公司 Shenzhen Sunfield New Energy Technology Co.,Ltd Add: 201, No. 33-5, Gong Keng Lang Industrial Park, Xintian Community, Guanhu Street, Longhua District, Shenzhen, China Tel: +86-0755-23243140 Fax: +86-0755-23243140 www.sunfield-solar.com Jacksonfu@sunfield-solar.com
Current temperature coefficient: 0.05%/°C	
Voltage temperature coefficient: - 0.35%/°C	
Power temperature coefficient: - 0.45%/°C	