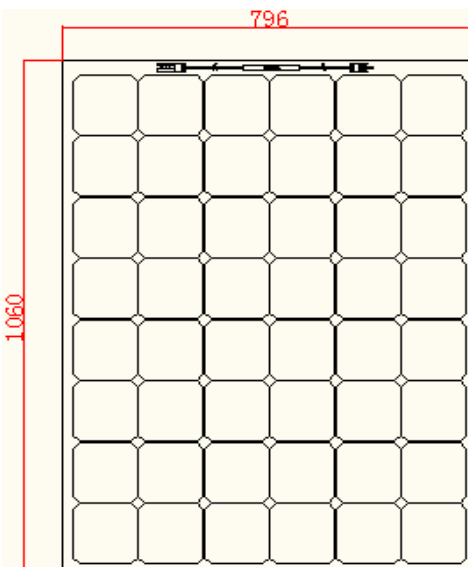


Professional And Reliable Solar Panel Manufacturer

Characteristics

| | |
|----------------------------|--------------|
| Maximum power(Pm) | 160W |
| Power Tolerance | ±3% |
| Voltage at max power(Vmp) | 27.3V |
| Current at max power(Imp) | 5.86A |
| Open circuit voltage(Voc) | 32.7V |
| Short circuit current(Isc) | 6.44A |
| Operating Temperature | - 40℃ — +85℃ |
| Maximum System Voltage | 700V |
| Maximum Series Fuse Rating | 15A |

Drawing



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

Mechanical Characteristics

| |
|---|
| Solar cell: SunPower Cell (125x 125mm) |
| No. of cells and connections: 48=6x8pcs |
| Dimension of module: 1060*796*2.5mm |
| Junction Box/Connector: Ip65 rated with MC4 |
| Materials: PET/ETFE+2EVA+SOLAR CELL+3EVA+PET |
| Cables: Photovoltaic Technology cable (2.5mm ² *0.9m) |
| Weight: 2.68KG |
| Packing Configuration: 10pcs/ctn, 100pcs/wooden case |
| Solar cell efficiency: ≥23% |
| 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: 3rd floor, 5th building, Tenghongxing Industrial Park, FengXin Road, Guangming 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 | |