

## Electrical Characteristics

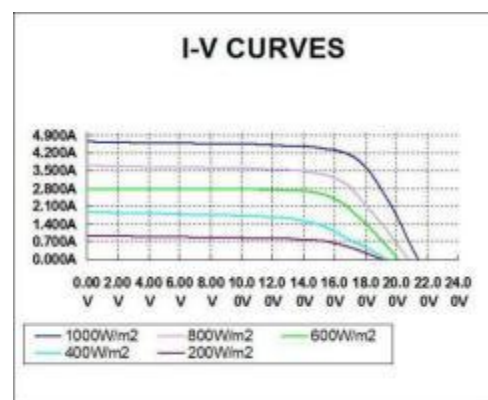
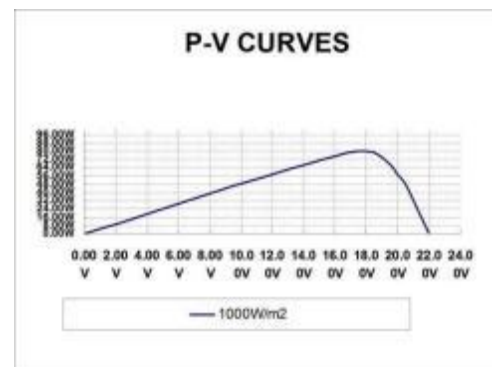
|                                 |                                 |
|---------------------------------|---------------------------------|
| Model                           | FFSP110W                        |
| Maximum Power at STC (Pmax)     | 110W                            |
| Optimum Operating Voltage (Vmp) | 18.1V                           |
| Optimum Operating Current (Imp) | 6.11A                           |
| Open - Circuit Voltage (Voc)    | 21.98V                          |
| Short - Circuit Current (Isc)   | 6.47A                           |
| Cell Efficiency                 | 25%                             |
| Operating Module Temperature    | -20 °C to +65 °C                |
| Maximum System Voltage          | 1000 V DC (IEC) / 600 V DC (UL) |
| Maximum Series Fuse Rating      | 10 A                            |
| Power Tolerance                 | 0~+3 %                          |

STC: Irradiance 1000 W/m<sup>2</sup>, module temperature 25 °C, AM=1.5;



## Mechanical Characteristics

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Solar Cell          | HPBC SOLAR CELL                                                                                                      |
| No. of Cells        | 3*10                                                                                                                 |
| Dimensions          | 1035× 585× 3mm                                                                                                       |
| Weight              | 2.2kg                                                                                                                |
| Front/Back Material | ETFE                                                                                                                 |
| Frame               | N/A                                                                                                                  |
| Junction Box        | IP68 rated                                                                                                           |
| Output Cables       | TUV (2Pfg1169:2007), UL 4703, UL 44<br>Optional<br>4.0 mm <sup>2</sup> , symmetrical lengths(-)900mm and<br>(+)900mm |
| Connectors          | SOLAR MC4<br>integrated twist locking connectors                                                                     |



## Temperature Characteristics

|                                           |            |
|-------------------------------------------|------------|
| Nominal Operating Cell Temperature (NOCT) | 25±2°C     |
| Temperature Coefficient of Pmax           | -0.44 %/°C |
| Temperature Coefficient of Voc            | -0.33 %/°C |
| Temperature Coefficient of Isc            | 0.055 %/°C |

## Warranty

3 YEARS MATERIAL AND WORKMANSHIP WARRANTY  
5 YEARS POWER OUTPUT WARRANTY

### • Walkable

Upon Flagsun new launched structural and material design, users can walk on the flexible panels.

### • Extremely Flexible

It can easily be bent to over 30 degrees to make it more suitable for installation in RV, boats, caravans