



# GP-SP-080W-5M36

Gi-Power

Performance	
Rated Power [Pmax]	80W
Power Tolerance	±5%
Nominal Voltage	18V
Design Life	25 years

Electrical Characteristics	
Maximum Power [Pmax]	80W±5%
Maximum Power Voltage [Vmp]	18V±3%
Maximum Power Current [Imp]	4.44A±3%
Short-Circuit Current [Isc]	5.07A±3%
Open-Circuit Voltage [Voc]	21.6V±3%
Current Temperature Coefficient	0.031%/°C
Voltage Temperature Coefficient	-0.31%/°C
Power Temperature Coefficient	-0.42%/°C
Maximum System Voltage	1000V

**Under Standard Test Conditions(STC): Irradiance of 1000W/m<sup>2</sup>,Am1.5 and 25°C cell temperature**

## Mechanical Characteristics

**Dimensions:** 1120mm(L) x551mm(W) x 35mm(H)

**Weight:** 8.4kg

**Solar Cells:** Monocrystalline solar cells, 36 cells in a 4x9matrix connected in series

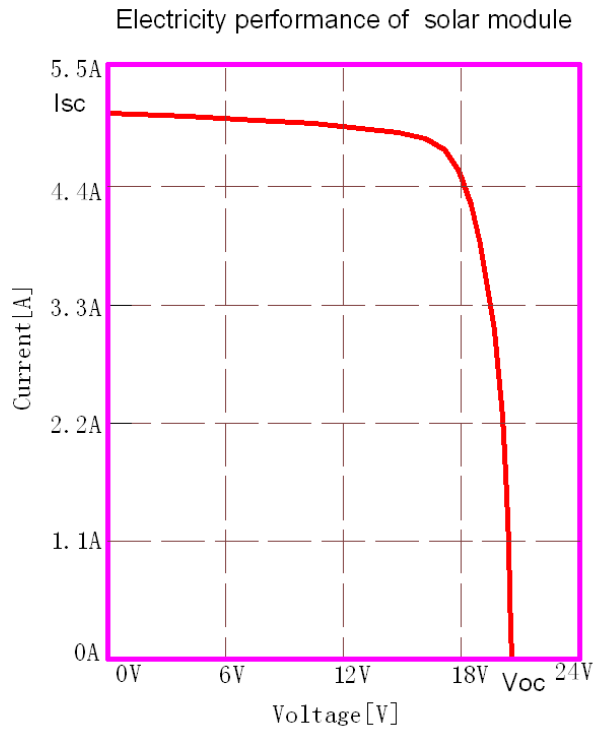
**Construction:** Front: High-transmission 3.2mm tempered glass; Encapsulate: EVA; Back: TPT

**Frame:** Clear anodized aluminum alloy Color: silver

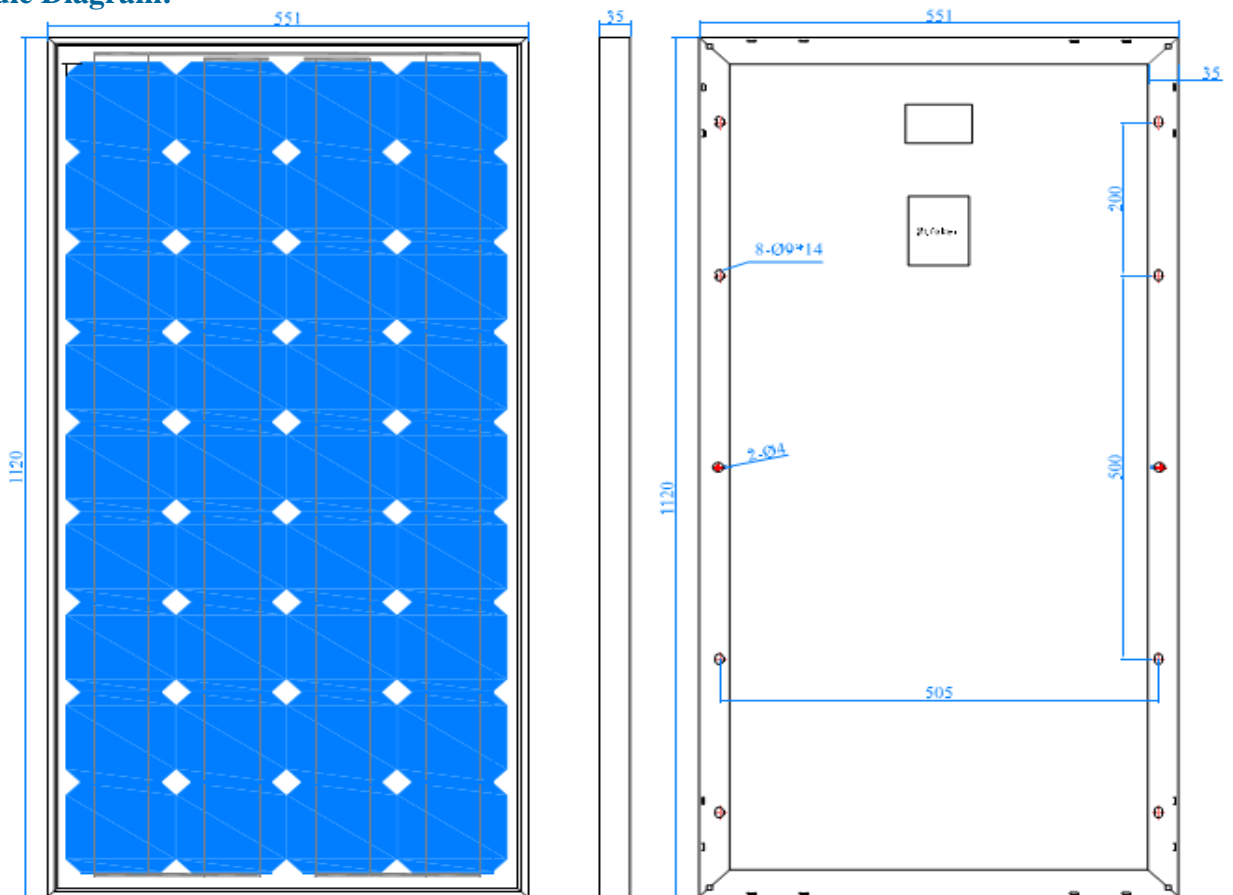
## Module Warranty:

25-year limited warranty of 80% power output; 10-year limited warranty of 90% power output; 5-year limited warranty of materials and workmanship.

## I-V Curves:



## Module Diagram:



**Note:** This publication summarizes product warranty and specifications, which are subject to change without notice.