



# GP-SP-040W-5M36

**Gi-Power**

<b>Performance</b>	
Rated Power [Pmax]	40W
Power Tolerance	±5%
Nominal Voltage	18V
Design Life	25 years

<b>Electrical Characteristics</b>	
Maximum Power [Pmax]	40W±5%
Maximum Power Voltage [Vmp]	18V±3%
Maximum Power Current [Imp]	2.22A±3%
Short-Circuit Current [Isc]	2.54A±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:** 610mm(L) x 551mm(W) x 30mm(H)

**Weight:** 4.8kg

**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

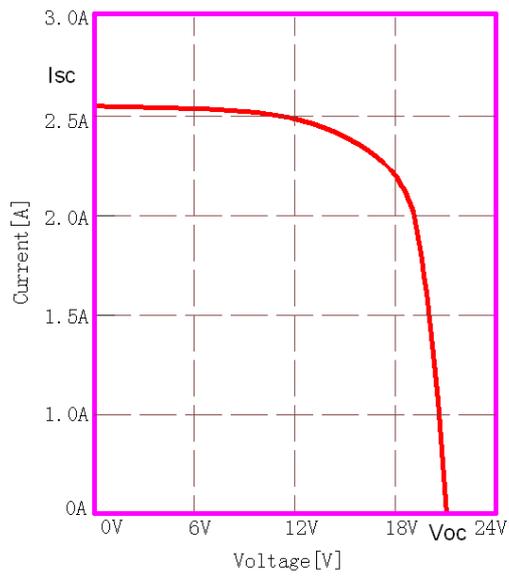
**Frame:** Clear anodized aluminum alloy Color: silver

## **Module Warranty:**

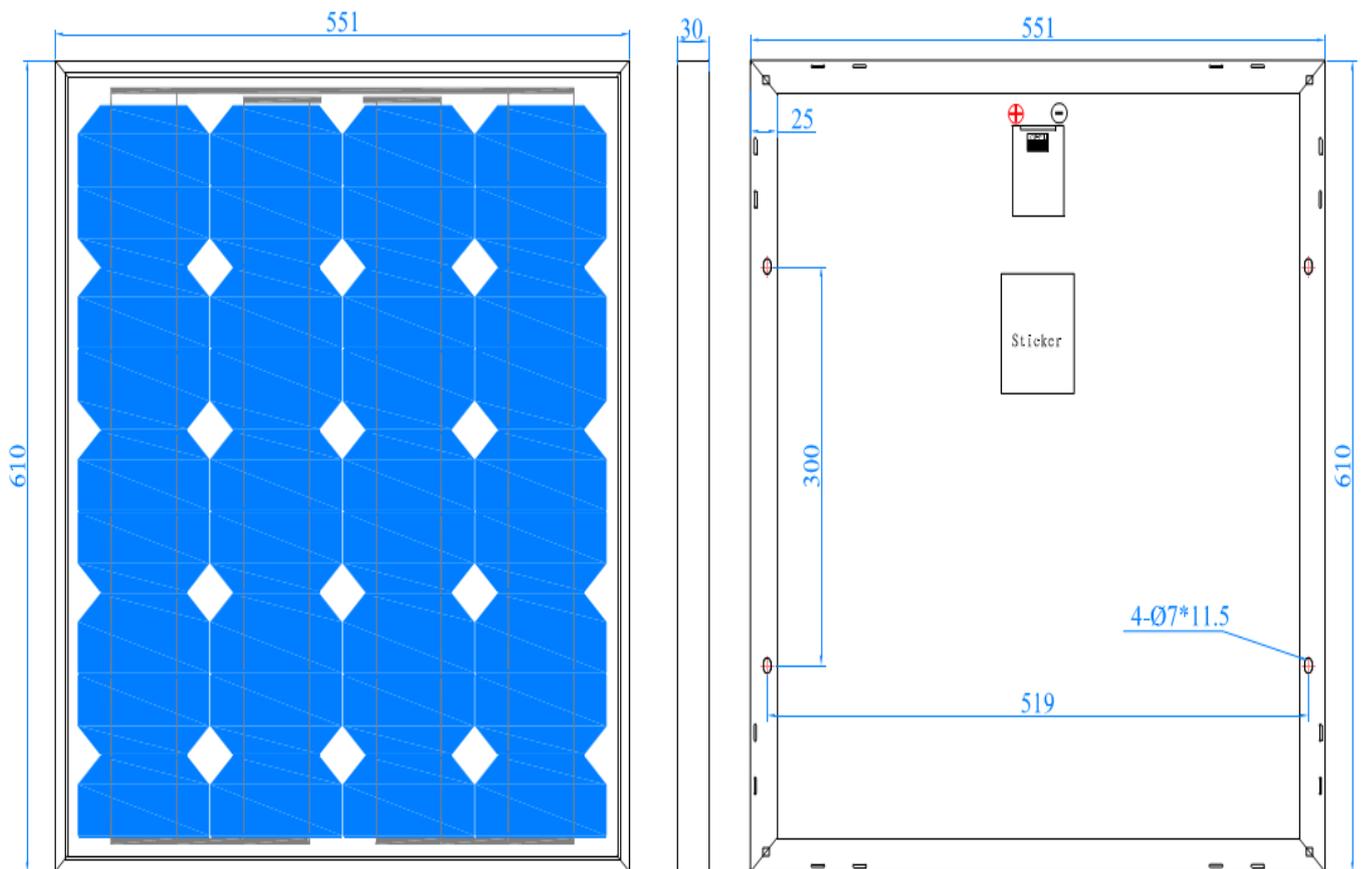
25-year limited warranty of 80% power output; 10-year limited warranty of 90% power output; 5-year limited warranty of materials and workmanship.

## **I-V Curves:**

Electricity performance of solar module



**Module Diagram:**



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