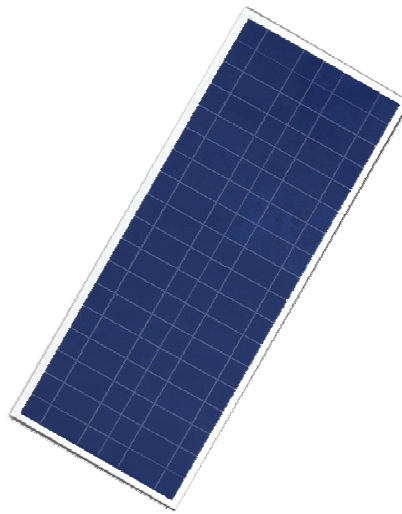


## Specification of 80W18V PV

0.1w to 300w custom solar panel charge most of rechargeable batteries. It is widely used in popular lighting products; portable solar power supply products like mobile phone charger; solar vehicles like solar golf car/boat; water pumps and fountains; homes and Buildings; security alarms, lights and CCTV; consumer electronics; toys, novelty and gift products; agriculture and water; telecommunications; marine; solar power plants; solar home system.



High efficiency America SunPower solar cell **>22.5%**

High efficiency Monocrystalline solar cell **>19%**

ETFE lamination lifespan **>15 years**

PET lamination lifespan **>6 years**

Type of lamination Epoxy, PET, ETFE, Glass

customized size, power, voltage, current

customized shape: circle, triangle, quadrilateral, polygon, any other irregular shape.

|                                         |                                                  |
|-----------------------------------------|--------------------------------------------------|
| TW-SP-80W                               | 80w 18v tempered glass solar panel without frame |
| Solar cell                              | Polycrystalline silicon solar cell 156×156mm     |
| No.of cells and connections             | 36=2×18pcs                                       |
| Test condition                          | AM1.5, 1000W/m <sup>2</sup> , 25°C               |
| Error                                   | ±2%                                              |
| Maximum power(P <sub>m</sub> )          | 80W                                              |
| Voltage at max power(V <sub>mp</sub> )  | 18V                                              |
| Current at max power(I <sub>mp</sub> )  | 4.45A                                            |
| Short circuit current(I <sub>sc</sub> ) | 4.75A                                            |
| Open circuit voltage(V <sub>oc</sub> )  | 21.6V                                            |
| Dimension                               | 1750*340*5mm                                     |
| Weight                                  | 7.2KG                                            |