



# Portable Glass Solar Panel

Product Range

100-360W



## Product Features

### ■ Superior UV Aging Resistance

Engineered to minimize power degradation during rigorous ultraviolet exposure tests, ensuring sustained performance.

### ■ Enhanced Mechanical Strength

Optimized structural stiffness significantly reduces the risk of micro-cracks, safeguarding long-term energy yield.

### ■ Industry-Leading Warranty

Backed by a 5-year workmanship warranty and a guarantee of over 80% output capacity after 25 years of service.

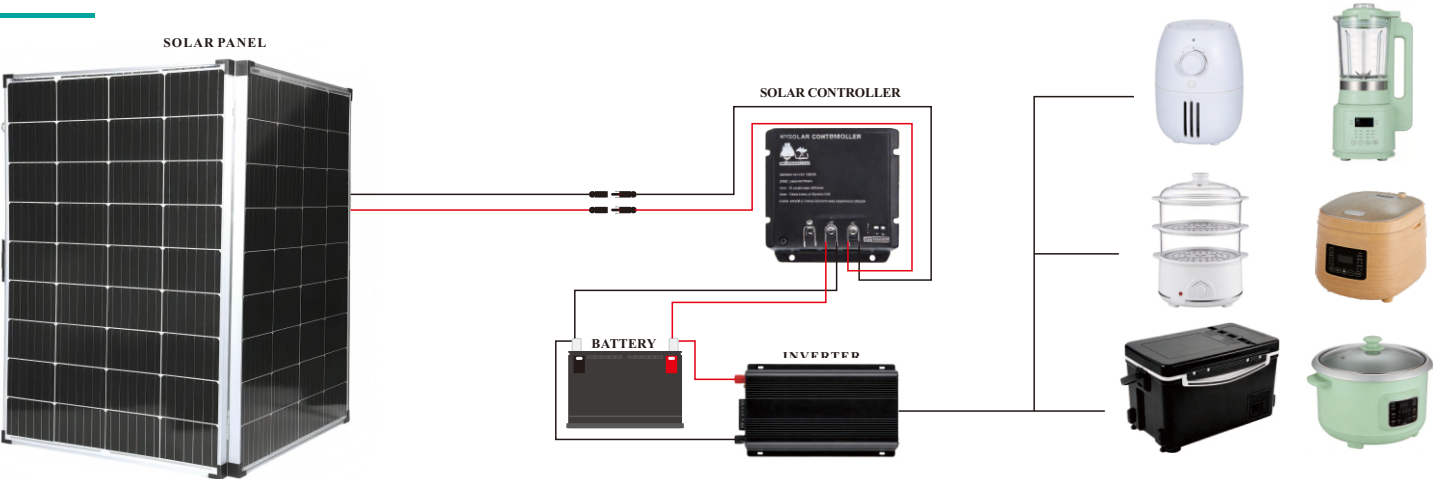
## Electrical Performance

| Module Type                     | DHFS-100W                   | DHFS-110W                   | DHFS-220W                   | DHFS-320W                   | DHFS-360W                   |
|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Maximum Power (Wp)              | 100W                        | 110W                        | 220W                        | 320W                        | 360W                        |
| Open Circuit Voltage (Voc)      | 20.65V                      | 21.24V                      | 23.01V                      | 22.42V                      | 25.37V                      |
| Short Circuit Current(Isc)      | 6.29A                       | 6.72A                       | 12.41A                      | 18.53A                      | 18.42A                      |
| Maximum Power Voltage(Vmp)      | 17.5V                       | 18V                         | 19.5V                       | 19V                         | 21.5V                       |
| Maximum Power Current(Imp)      | 5.71A                       | 6.11A                       | 11.28A                      | 16.84A                      | 16.74A                      |
| Maximum Series Fuse             | 10A                         | 10A                         | 10A                         | 10A                         | 10A                         |
| Cell Efficiency                 | 23%                         | 25.2%                       | 25.2%                       | 25.2%                       | 25.2%                       |
| Cell Type                       | Mono 182*60.66mm            | Mono 182*60.66mm            | Mono 210*70mm               | Mono 210*105mm              | Mono 210*105mm              |
| Net Weight(Kg)                  | 8.3                         | 8.3                         | 13.1                        | 16.2                        | 18                          |
| Output                          | 0.5m<br>Cable/MC4 Connector | 0.5m<br>Cable/MC4 Connector | 0.5m<br>Cable/MC4 Connector | 0.5m<br>Cable/MC4 Connector | 0.5m<br>Cable/MC4 Connector |
| Unfolded Size                   | 1016x600x30mm               | 1016x600x30mm               | 1335x840x30mm               | 1755x905x30mm               | 1331x1320x35mm              |
| Folded Size                     | 600x510x65mm                | 600x510x65mm                | 665x840x70mm                | 875x905x70mm                | 1320x664x80mm               |
| Power Tolerance                 | ±3%                         |                             |                             |                             |                             |
| Junction Box(Protection Degree) | IP65/IP67                   |                             |                             |                             |                             |
| Maximum System Voltage          | 1000V/DC                    |                             |                             |                             |                             |

## Temperature Parameters

|                              |                     |
|------------------------------|---------------------|
| Temperature-Coefficient Isc  | +0.02%/°C           |
| Temperature-Coefficient Voc  | -0.28%/°C           |
| Temperature-Coefficient Pmpp | -0.38%/°C           |
| Operating Temperature        | -40°C...+85°C       |
| Standard Test Conditions     | 1000W/M²,25°C,AM1.5 |

## Installation Procedure

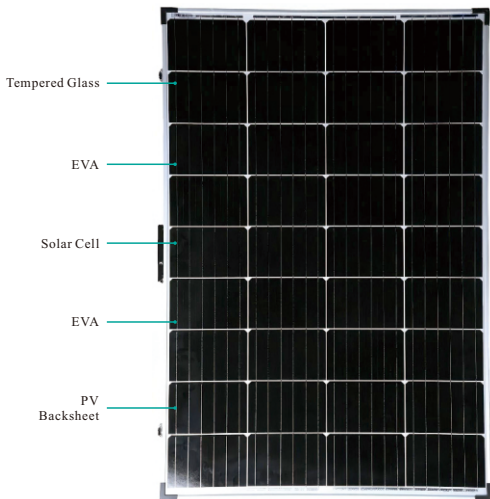


## Points for attention

- Please use the product normally, make the correct connection and disconnection in order, don't make a short-circuit, avoid electric shock.
- Please disconnect the product in time if the electric devices are fully charged.
- Do NOT use the product to charge non-rechargeable batteries or electronic devices. Doing so may result in harm to the user and/or damage the product, also void the warranty.
- Under normal working conditions, please ensure that the solar cell area is not shaded/covered by any objects.
- Keep the product in ventilated area, also keep it clean at all times, don't place it in a humid and dusty environment, also don't leave it outside overnight.
- Don't soak or rinse the product, can be wiped with a wet cloth.
- Ensure nothing sharp or heavy could potentially break or damage the product during transport or storage,also need to avoid dropping.



## Product Structure



## Product Detail

