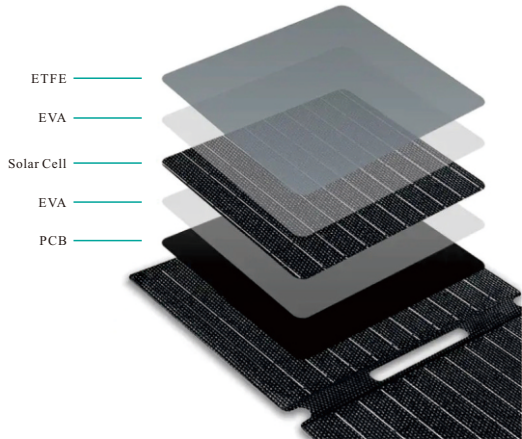


## Product Structure

**Better Protection, Longer Service Life**  
ETFE instead of PET, No delamination, longer service life



## Portable Super Thin Solar Panel

Product Range

**100-500W**



## Product Features

### ■ Precision Structure

Crafted with a premium aluminum alloy frame and stable kickstand to optimize the tilt angle. The foldable design ensures effortless deployment and compact storage.

### ■ Featherlight Portability

Glass-free construction paired with a slim aluminum frame significantly reduces weight for easy transport.

### ■ Robust Weatherproofing

Featuring a seamless, fabric-free build with an IP65 rating, designed to withstand the elements.

### ■ Enduring Performance

Encased in durable ETFE and reinforced aluminum, the solar cells are protected for a prolonged service life.

### ■ Extended Warranty

Backed by an industry-leading 5-year warranty for lasting peace of mind.

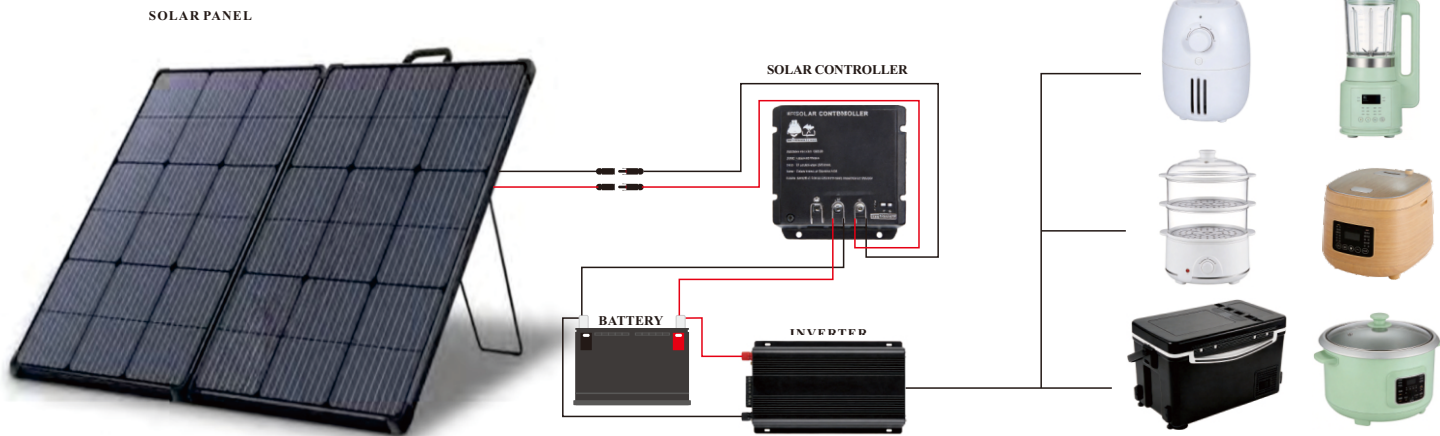
## Electrical Performance

| Module Type                     | DHST-100W                   | DHST-200W                   | DHST-300W                   | DHST-400W                   | DHST-500W                   |
|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Maximum Power (Wp)              | 100W                        | 200W                        | 300W                        | 400W                        | 500W                        |
| Open Circuit Voltage (Voc)      | 20.65V                      | 38.35V                      | 38.35V                      | 38.35V                      | 47.2V                       |
| Short Circuit Current(Isc)      | 6.29A                       | 6.77A                       | 10.15A                      | 13.54A                      | 13.75A                      |
| Maximum Power Voltage(Vmp)      | 17.5V                       | 32.5V                       | 32.5V                       | 32.5V                       | 40V                         |
| Maximum Power Current(Imp)      | 5.71A                       | 6.15A                       | 9.23A                       | 12.31A                      | 12.5A                       |
| 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*46mm               | Mono 182*46mm               | Mono 182*46mm               | Mono 182*46mm               |
| Net Weight(Kg)                  | 3.8                         | 4.3                         | 6.4                         | 8.6                         | 9.7                         |
| 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                   | 1026x629x20mm               | 1398x815x20mm               | 2098x815x20mm               | 2798x815x20mm               | 3102x887x20mm               |
| Folded Size                     | 629x511x40mm                | 815x698x40mm                | 815x698x60mm                | 815x698x80mm                | 887x773x80mm                |
| 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 Pmp | -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 Detail

