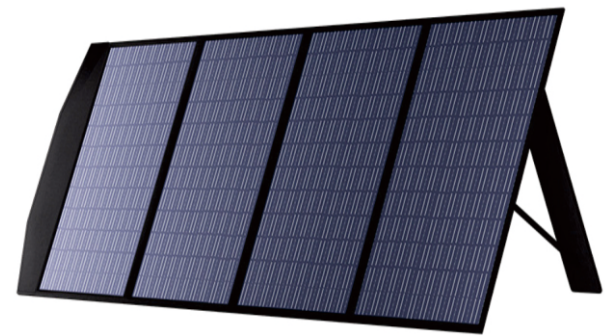




Portable Solar Panel

Product Range

50-400W



Product Features

Adjustable Stand Design

The foldable structure integrates adjustable kickstands, allowing you to optimize the tilt angle for maximum sun exposure.

Powerful & Portable

Delivers robust power output while maintaining a featherlight build for true grab-and-go convenience.

High-Efficiency Optics

Superior light transmittance and enhanced corrosion resistance ensure peak performance and longevity.

Universal Connectivity

Equipped with versatile output ports, seamlessly compatible with most portable power stations on the market.

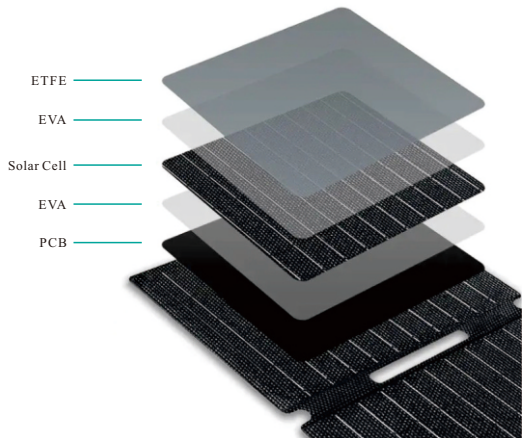
Quality Assurance

Backed by a 1-year warranty for your peace of mind.



Product Structure

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



Product Detail



MC4 connector (OEM is supported)

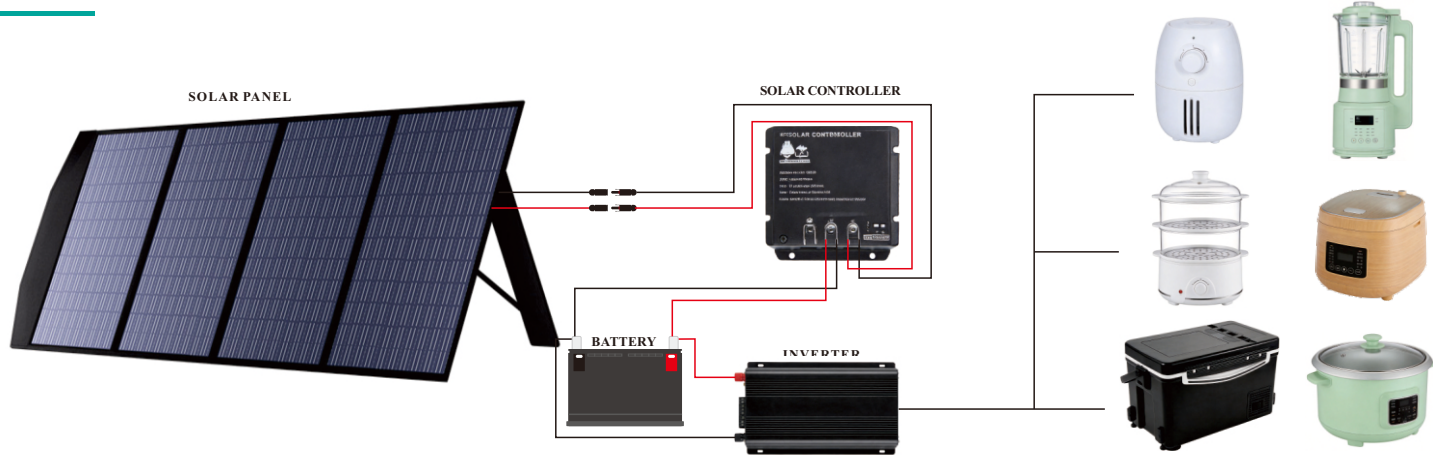
Electrical Performance

Module Type	DHUL-50W	DHUL-100W	DHUL-210W	DHUL-300W	DHUL-400W
Maximum Power (Wp)	50W	100W	210W	300W	400W
Open Circuit Voltage (Voc)	21.83V	22.42V	22.42V	21.24V	42.48V
Short Circuit Current(Isc)	2.97A	5.79A	12.16A	18.33A	12.22A
Maximum Power Voltage(Vmp)	18.5V	19V	19V	18V	36V
Maximum Power Current(Imp)	2.7A	5.26A	11.05A	16.67A	11.11A
Maximum Series Fuse	10A	10A	10A	10A	10A
Cell Efficiency	23%	25.2%	25.2%	25.2%	25.2%
Cell Type	Mono 182*45.5mm	Mono 210*70mm	Mono 210*70mm	Mono 210*105mm	Mono 210*70mm
Net Weight(Kg)	1.5	3	5.9	7.7	11.5
Output	0.27m Cable/MC4 Connector	0.27m Cable/MC4 Connector	0.27m Cable/MC4/Connector	0.27m Cable/MC4 Connector	0.27m Cable/MC4 Connector
Unfolded Size	1022x408x15mm	1154x604x15mm	2108x604x15mm	2582x664x15mm	3006x748x15mm
Folded Size	408x415x30mm	604x475x30mm	604x485x40mm	664x580x40mm	748x700x40mm
Power Tolerance			±3%		
Junction Box(Protection Degree)			IP64		
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.