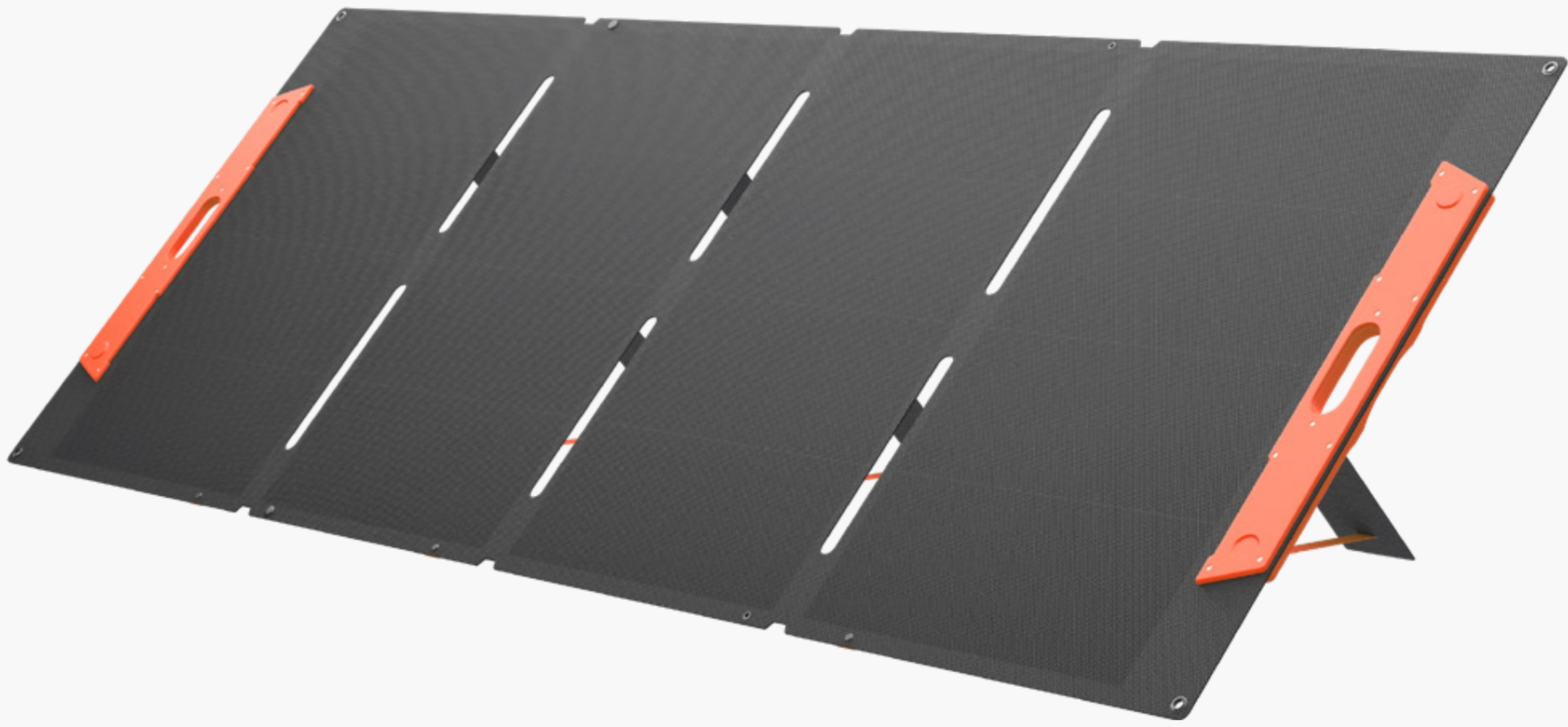


300W Folding Solar Panel



Electrical Characteristics

STC	
Maximum Power (Pmax)	300W
Maximum Power Voltage (Vmp)	40.0V
Maximum Power Current (Imp)	7.50A
Open-circuit Voltage (Voc)	50.0V
Short-circuit Current (Isc)	7.95A
STC: Irradiance 1000W/m ² , Cell temperature 25C, AM=1.5. Tolerances of Pmax, Voc and Isc are within ±5%	

NMOT	
Maximum Power (Pmax)	239W
Maximum Power Voltage (Vmp)	39.0V
Maximum Power Current (Imp)	6.13A
Open-circuit Voltage (Voc)	48.8V
Short-circuit Current (Isc)	6.52A
NMOT: Irradiance 800W/m ² , Ambient temperature 20 C, AM=1.5, Wind speed 1 m/s.	

Temperature Characteristics

Cell Efficiency (%)	26%
Operating Temperature	-20°C ~ 65°C
Maximum System Voltage	300V DC (IEC)
Maximum Series Fuse Rating	20A
Application Class	A Class

Mechanical Characteristics

Solar Cell	HPBC
Number of Cells	144
Unfolded Size	2055x775x25mm
Folded Size	775x550x45mm
Weight	6.5kg
Output Cable	Anderson to XT60 cable + adapter
Output Port	Anderson / USB / Type-C

