



FOLDABLE SOLAR PANELS

| CWD-FLEX-FBAG-110 110Wp

Easy to install, to carry and to use, the CW DEFENCE foldable solar panel is a powerful companion ready to take you on your next adventure. Designed to withstand harsh operating conditions, the high-performance solar panel offers a practical and reliable solution for emergencies. CW DEFENCE foldable solar panel, which has high light transmittance ETFE polymer, durable fiberglass sheet and high efficiency IBC solar cell in its structure, is produced in international quality standards with 7-layer high lamination technology. With CW DEFENCE foldable solar panels, you can charge your phone or tablet directly with USB power output, while at the same time you can get up to 110W instant power output with solar connectors. It is also possible to increase capacity by connecting multiple products together. Models can be customized for your different needs.



Prism Surface

Maximum light absorption through prism surface



Excellent Light Transmit with ETFE

Higher light transmittance, corrosion resistance, operating temperature range



IBC Cell Technology

Flexible, durable and high efficient cell with back contact connection



Ultra Lightweight

Ultra thin and durable design



Easy to use

Easy to use, practical design



Increasesable Capacity

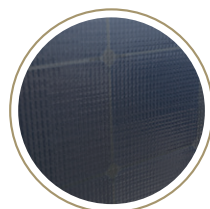
Increasesable power by connecting two or more products together



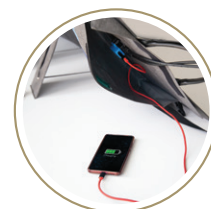
The holders allows you to adjust the panel to the optimum angle for maximum performance. You can make adjustments as the position of the sun changes.



Solar Connector



Prism Surface

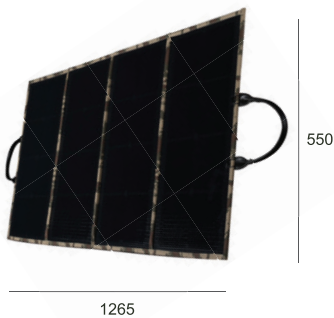


USB Fast Charging Output

FOLDABLE SOLAR PANELS

Model Type	CWD-FLEX-FBAG-110 110Wp
Peak Power (Pmax)	110 Wp
Power Tolerance [W]	0~+5
Maximum Power Voltage (Vmp)	18.84
Maximum Power Current (Imp)	5.84
Open Circuit Voltage (Voc)	22.80
Short Circuit Current (Isc)	6.15
Temp. Coeff. of Pmax	-0.29%/°C
Temp. Coeff. of Voc	-55.68mV/°C
Temp. Coeff. of Isc	2.9mA/°C
Dimensions (Opened/Closed)[mm]	1265x550x6 / 550x315x24
Weight [kg]	4
Maximum System Voltage	1000V DC
Maximum Series Fuse Rating	15A
Protection Class	IP68
Junction Box Cable Length [mm]	600
Connector	MC4
USB Output	QC 3.0 Quick Charge 5V-9V-12V
Exterior of the Product	Fabric

Unit: mm



* The specifications are obtained under the standard test conditions: 1000W/m² solar irradiance, 1.5 Air Mass and cell temperature of 25°C. Measurement uncertainty for all panels is 3%. The actual transactions will be subject to the contracts. These parameters are for reference only and it is not a part of the contracts. The technical specifications in this document may vary. For more information, refer to the "Installation Manual".

* CW DEFENCE reserves the right to change the specifications of the products without prior notice.

* CW DEFENCE products are project based products. Changes can be made upon your needs.

Ver.2310.02