

## 120W FOLDABLE SOLAR PANEL

Lightweight off-grid energy source to power your gear with maximum efficiency. Take the FLEXSOLAR® 120W Foldable Solar Panel with you on your outdoor travels. With high conversion efficiency up to 24%, it's ideally suited for outdoor life and unexpected power outages. The solar panel is lightweight at only 10.6 lbs, foldable and features a comfortable magnetic carry handle for easy portability.



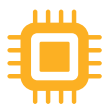
### HIGHLY EFFICIENT

Premium solar cells with an energy conversion efficiency of up to 22%~24%.



### ACCESS MULTIPLE PORTS

The voltage switchable Anderson port, USB port, and USB-C (PD 60W) port are ready to charge smartphones, tablets, power stations, coolers, and designed for use with motor vehicles and boats, and more.



### OPTIMIZED CHARGING

An intelligent chip automatically identifies connected devices and adjusts output current to offer the fastest possible charging speed.



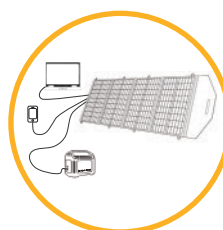
### SUPERIOR DURABILITY

Industrial-strength PET polymers and rugged polyester canvas provide lasting durability to protect against unpredictable weather conditions.

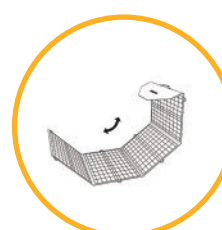


### CHARGE MULTIPLE DEVICES

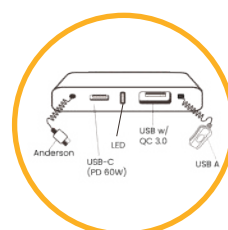
Go off-grid with confidence. Charge multiple portable devices at the same time.



Recharge Off-Grid



Foldable



Connection Ports



## 120W FOLDABLE SOLAR PANEL

### GENERAL

Model	C120
Part Number	FLC-C4-201200-4
UPC Number	785249519161

### ELECTRICAL SPECIFICATIONS

Rated Peak Power (P <sub>max</sub>   W)	120 W
Open Circuit Voltage (V <sub>oc</sub>   V)	23.7 V
Short Circuit Current (I <sub>sc</sub>   A)	6.36 A
Maximum Power Voltage (V <sub>mp</sub>   V)	19.8 V
Maximum Power Current (I <sub>mp</sub>   A)	6.06 A
Module Efficiency (%)	22%
Power Tolerance	±10%
Operating Temperature (°F/°C)	-4°F to 149°F (-20°C to 65°C)
Application Level	Class A
Temperature Coefficient (P <sub>max</sub> )	-0.45%/K
Temperature Coefficient (V <sub>oc</sub> )	-0.32%/K
Temperature Coefficient (I <sub>sc</sub> )	+0.02%/K
Standard Test Conditions	1000W/m <sup>2</sup> , 25°C, AM1.5






### MECHANICAL SPECIFICATIONS

Solar Cell Type	Monocrystalline
Dimensions (LxWxD)	65.1 x 22.2 x 0.2 in (1653 x 564 x 5 mm) - unfolded 22.2 x 14.1 x 1.6 in (564 x 359 x 41 mm) - folded
Net Product Weight	10.8 lbs (4.9 kg) with junction box and accessories
Backsheet Color	Black
Junction Box	IP65 rated in accordance with UL 3730 Output ports: USB 2.0, USB 3.0, USB-C (PD 60W), Anderson
Design Features	Unfolds to lay on ground or hang on loops; Foldable design into self-carry bag
Charge Controller	Provide

### PACKAGING & SHIPPING INFORMATION

Retail Box	Quantity 1 unit per retail box:
Dimensions (LxWxD) & Weight	25.8 x 16.5 x 3.7 in (655 x 420 x 95 mm); 12.79 lbs (5.8kg)
Master Box	Quantity 3 retail box per master box:
Dimensions (LxWxD) & Weight	26.2 x 11.0 x 25.0 in (665 x 280 x 635 mm); 45.7 lbs (20.75kg)

### ACCESSORIES

			
1' (0.3m) cable with Anderson to alligator clip cable	1' (0.3m) cable with Anderson to DC5521 male connector	6.6' (2m) Anderson to SAE cable	SAE Polarity Reverse Adapter Connector
			
10-in-1 interchangeable connectors	20A / (12V/24V) PWM controller cables with Anderson cable	Carry bag	

### WARRANTY

2-year limited warranty, register at [flexsolarenergy.com](https://flexsolarenergy.com)

### REGULATORY & CERTIFICATION

FCC, CE, RoHS

