



20W FLEXIBLE SOLAR CHARGER

Lightweight, waterproof energy source to power your gear with maximum efficiency. Take the FLEXSOLAR® 20W Flexible Solar Charger 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 21.2 ounces and features a comfortable foldable dimension for easy portability.



HIGHLY EFFICIENT

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



SLIM DESIGN

Compact size and light weight make this charger easy to carry. It fits into any backpack for outdoor activities. It should be a must to have for an emergency kit.



SMART CHARGING

Quick Charge Technology allows smart and constant charging becomes reality even when moving in or out of the shadow.



SUPERIOR DURABILITY

Eco-friendly and self-cleaning material E film provides lasting durability to protect against unpredictable weather conditions, and can easily withstand high temperatures.



CHARGE MULTIPLE DEVICES

Built-in controller box has DC, USB(QC 3.0) ports to directly connect and charge smartphones, iPads and power banks.













FLEXSOLAR is the brand of Flextech Company, a global solar solution manufacturing pioneer. You can rely on the experience and strength of our product development and innovation. Now, with multiple patents, factory locations and a focus on smart solar solutions, we're proud to introduce our FLEXSOLAR brand. The Power of Light is our vision to provide solar solutions that deliver smart energy for life.





20W FLEXIBLE SOLAR CHARGER

GENERAL	
Model	E20
Part Number	FLC-E3-200200-2
UPC Code	785249519338
ELECTRICAL SPECIFICATIO	NS
Rated Peak Power (Pmax W)	20 W
Open Circuit Voltage (Voc V)	23.7 V
Short Circuit Current (Isc A)	1.1 A
Maximum Power Voltage (Vmp V)	19.8 V
Maximum Power Current (Imp A)	1.0 A
Module Efficiency (%)	24%
Power Tolerance	±10%
Operating Temperature (°F/°C)	-4°F to 149°F(-20°C to 65°C)
Application Level	Class A
Temperature Coefficient (Pmax)	-0.45%/K
Temperature Coefficient (Voc)	-0.32%/K
Temperature Coefficient (Isc)	+0.02%/K
Standard Test Conditions	1000W/m2, 25°C, AM1.5
MECHANICAL SPECIFICATIONS	
Solar Cell Type	Monocrystalline
Dimensions (LxWxD)	23.5x 11.0x 0.1 inch (596x 279 x 3 mm) - unfolded 7.8x 11.0x 1.4 inch (198x 279x 35 mm) - folded
Net Weight	21.2 ounces (600g)
Backsheet Color	Black
Hook	4
Controller Box	IP67 rated in accordance with UL 3730 Output ports: USB (QC 3.0), DC5521
Charging Time	USB (QC3.0) port: 0.8-1.3 hrs (charge iphone 12 pro); 1.1-1.8 hrs (charge Galaxy S21) DC5521 port (with connector): 1.1-1.6hrs (charge iphone 12 pro and Galaxy S21)
PACKAGING & SHIPPING INFORMATION	
Retail Box Dimensions (LxWxD) & Weight	Quantity 1 unit per retail box: 12.6x 9.3x 1.6 in (320x 235x 40 mm): 31.4 ounces (890a)

Master Box Dimensions (LxWxD) & Weight

40 mm); 31.4 ounces (890g) Quantity 22 retail box per master box: 25.6x 20.1x 10.0 in (650x 510x 255 mm); 46.1 lbs (20.9kg)

ACCESSORIES

2 Carabiners

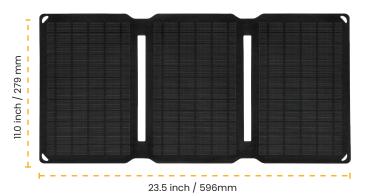
WARRANTY

2-year limited warranty, register at flexsolarenergy.com

REGULATORY & CERTIFICATION

FCC, CE, RoHS





C FLEXSOLAR

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