



G100
100 WATT
FLC-G2-181000-P100-B

INTRODUCING
G-SERIES

Portable Solar Panels that Power Outdoor Life

Venture off-grid with confidence with efficient FLEXSOLAR G-Series Briefcase-Style Folding Solar Panels. Geared to mobile living and outdoor adventurers, these monocrystalline solar panels are a portable source of energy that keep your devices powered.

G-Series panels feature premium solar cells with a high conversion efficiency of up to 22%. Multiple ports allow you to charge numerous devices at once, and the solar panels are optimized for fast charging. Built to withstand the elements, G-Series solar panels are made from industrial-strength glass and are water-resistant, dustproof and have an IP65 rated junction box. Ideal for camping and road trips, these portable foldable solar panels feature briefcase-style design for easy carrying and sturdy kickstands for simple setup.



Solar Power For All Your Off-Grid Adventures

Portable and highly efficient, the FLEXSOLAR G100 Foldable Solar Panel delivers plenty of power for all your outdoor adventures.

Designed to keep you connected when you're on-the-go, the 100W solar panel briefcase is a reliable choice for mobile living, work and off-grid recreation. Its premium monocrystalline solar cells offer a high conversion efficiency up to 22%, so you're powered up when it matters.

Boasting versatility, the G100 solar panel allows you to charge multiple devices at once, while optimized charging technology adjusts output current to provide the fastest charging speed. Built for the elements, it's made from industrial-strength glass, is water-resistant, dustproof and has an IP65 rated junction box. Sporting a briefcase-style design with clasps and handle, the G100 solar kit is easy to transport. Use it as a foldable solar panel for camping, your RV, off-trail excursions or during unexpected power outages. The G100 coupled with the included PWM solar charge controller provides additional battery charging capabilities for your RV, boat or car. With this powerful and portable duo in your pack, you're ready to harness the sun's energy wherever your next adventure takes you.

BEST USE



MOBILE LIVING



WORK



OFF-GRID RECREATION

The 100W solar panel is equipped with a built-in junction box with a voltage-switchable SAE port and offers USB charging capabilities for devices like your smartphone, laptop, power station and cooler. The PWM controller facilitates charging for RVs, boat trailers, 12V car batteries and more.



RATED POWER

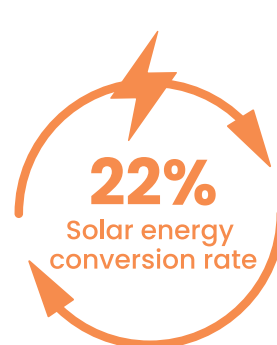
100 W

MODULE EFFICIENCY (%)

21.5%

CELL TYPE

MONOCRYSTALLINE



DIMENSIONS (UNFOLDED)

42.6" X 26.8" X 1.3"
(108.2 CM X 68.3 CM X 3.3 CM)

DIMENSIONS (FOLDED)

26.8" X 22.0" X 2.6"
(68.3 CM X 56 CM X 6.7 CM)

WEIGHT

23.2 LBS (10.5 KG)

WHAT'S IN THE BOX



100 W BRIEFCASE-STYLE FOLDABLE SOLAR PANEL



10' (3 M) CABLE WITH BARE WIRE TO ALLIGATOR CLIP CONNECTOR



3' (1 M) WITH SAE TO ANDERSON CONNECTOR



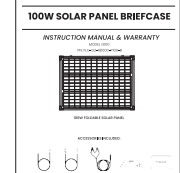
3' (1 M) WITH SAE TO DC8055 MALE CONNECTOR



20 A (12 V/24 V) PWM SOLAR CHARGE CONTROLLER



CARRYING BAG



USER MANUAL



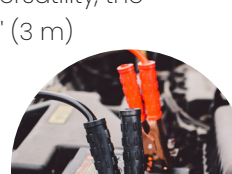
Maximize Charging with Multiple Ports

Geared to life on-the-go, the versatile G100 solar panel briefcase provides access to multiple ports for all your charging needs. Its built-in junction box with SAE port and included accessories let you directly connect and charge items like your smartphone, tablet, laptop, power station and cooler. For added functionality, use the G100 with the included PWM solar charge controller to safely and efficiently charge your RV, boat or car battery. Charge multiple devices at once for ultimate portable convenience, so you can off-grid with confidence.



Cables and Connectors for High Compatibility

Designed to keep you charged and ready, the G100 solar kit comes with a PWM solar charge controller that protects batteries and maximizes battery life, prolongs your power supply, and regulates battery voltage settings for various kinds of batteries. For charging versatility, the solar panel also comes with a 10' (3 m) cable with bare wire to alligator connector, a 3' (1 m) cable with SAE to Anderson connector and a 3' (1 m) cable with SAE to DC8055 connector.



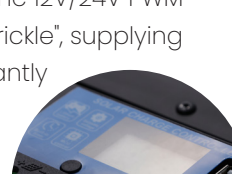
Optimized Charging for Outdoor Adventurers

This powerful solar panel briefcase is designed to keep up with you on your outdoor adventures. Its intelligent chip automatically identifies connected devices and adjusts output current to offer the fastest possible charging speed. With this solar power briefcase, you can harness the sun's power and stay connected wherever life takes you.



Power Your Travels with the Solar Charge Controller

The PWM solar charge controller works with your G100 solar panel to charge added load and the battery including lead-acid (Flood, AGM, Gel) or lithium-ion battery safely and efficiently for your RV, boat, trailer and more. The 12V/24V PWM controller maintains a state of "trickle", supplying a small amount of power constantly to keep the battery topped up. This PWM controller also has a large LCD display with adjustable modes and parameters, a dual USB output, and safety features including overcharge and overload protection.



Energy-Efficient Power for Outdoor Life

Designed to efficiently convert solar energy into electric energy, the monocrystalline solar panel lets you power your gear and devices with confidence. The premium solar cells feature a high conversion efficiency of up to 22%, so you're prepared for outdoor life and unexpected power outages.



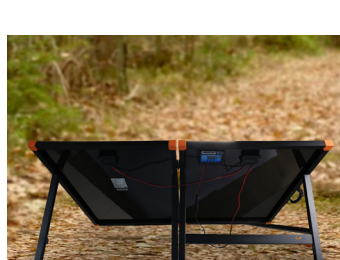
Rugged Design for All Weather Conditions

Ideal for outdoor adventurers, the G100 solar panel is made from industrial-strength glass and features a corrosion-resistant, anodized aluminum kickstand for long-lasting durability. Water-resistant, dustproof and with an IP65 rated junction box, this solar panel is built to withstand unpredictable weather conditions.



Geared for Your On-the-Go Lifestyle

Whether you're a casual camper or hard-core adventurer, the G100 is easy to take on your trip. A versatile off-grid energy source, this folding solar panel provides power in a flexible design and comes with a padded carrying case to protect contents during your outdoor travels.



Easy-to-Use Portable Foldable Solar Panel

You can transport and set up the G100 foldable solar panel with ease. The unique, briefcase-style design is equipped with clasps to secure it shut and a handle for easy carrying. A sturdy, built-in kickstand ensures the solar panel sits securely on a flat surface for optimal sun intake.

Smart Solar Solutions that Empower Outdoor Lifestyles

Where there is light, there is energy. At FLEXSOLAR, we're passionate about solar solutions that bring smart energy to life.

Determined to deliver the energy of the sun to everyone, we are involved in the design, engineering and manufacturing of products that enable mobile living, off-grid power and outdoor recreation. Built to power you through all of life's travels, our solar products are energy efficient, portable and versatile for life on-the-go. Always innovating, we harness the power of the sun to brighten up your life and make solar living a reality.

