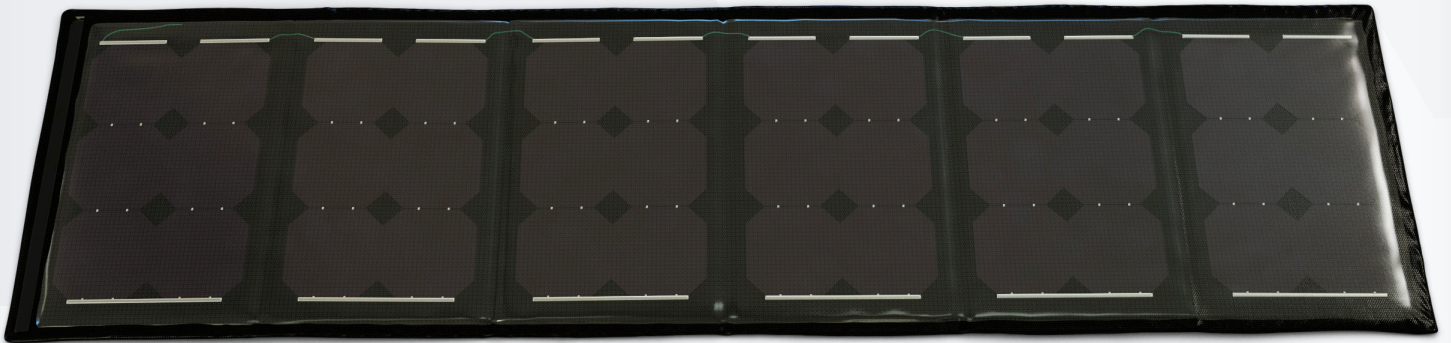


Off-Grid Power Solution Solar

Model #: GLB-OGS-50-311F-180

DACC Global's state-of-the-art, off-grid power system solution utilizes industry-leading technology and is designed for maximum portability and ease of use. It comes complete with all necessary equipment in durable, lightweight carrying cases. With minimal maintenance, each system is capable of providing 50 continuous watts of power, 24 hours a day, 365 days a year, for up to 10 years - eliminating the need to transport fuel, heavy batteries, or other power sources. The modular design enables additional systems to be added for increased wattage requirements. Designed to function independently, our portable systems can be used to deliver power to remote locations or to provide emergency power backup.



GLOBAL ENERGY & LIGHTING

- Solar Panel Details -

3 – 110 Watt Solar Panels
Producing 330 Peak Watts

| Efficiency @ 25°C | Cell | Module |
|---------------------------------|------|--------|
| Power (watts) | 3 | 110 |
| Max Power Current (amps DC) | 5.35 | 5.35 |
| Short Circuit Current (amps DC) | 5.45 | 5.45 |
| Max Power Voltage (volts DC) | .56 | 20.16 |
| Open Circuit Voltage (volts DC) | .66 | 23.76 |

Efficient

- Solar cells with up to 24% efficiency
- Higher output than any existing solution
- Generates more power using less space
 - Fewer solar cells = less weight
 - Allows for optimal power generation

Rugged

- Cell lamination technology
 - Provides protection against the elements
 - Water/Rain
 - Dust/Rocks
 - Cracking/Chips/Scratches
 - Normal wear and tear
 - Easier to clean
 - Anti-glare coating increases panel efficiency
 - Maximizes versatility
 - No glass – shatterproof

Simple

- Easy set-up
- Deployed in minutes
- Power production is almost instantaneous

Modular

- Conveniently sized - remarkably small
 - Deployed: 9 sq/ft; 72" x 18" x .18" per 110W panel
 - Stowed: 1.5 sq/ft; 12" x 18" x 1.1" per 110W panel
- Multiple systems can be set up for increased power requirements
- Each system operates independently for maximum fault tolerance

Lightweight

- 7.9 lbs per folding panel
- Easy to transport

Style

- Available in several colors to match the landscape
 - Sand
 - Black
 - Camouflage

- System Details -

- 50 watts of continuous 24/7 power.*
- 1,800 watts of available peak power.
- Multiple systems can be combined for larger power needs.
- 2300 watt-hour battery enables up to 46 hours of uninterrupted operation without sunlight.
- The latest in battery technology supports over 3,000 charge/discharge cycles enabling up to 10-years of system life.

*Actual available continuous power is highly dependant on location. Please contact your sales representative for an accurate quote.



- Solar panel – features three monocrystalline 110-watt high-efficiency foldable panels that weigh under 8 pounds each.
- Battery – the latest in Lithium-Ion battery technology, featuring the longest life and lightest weight in the industry, is perfectly suited for off-grid portable systems.
- Solar Charge Controller – a sophisticated, custom-programmed, 60-amp unit that uses MPPT (maximum power point technology) to accelerate solar charging of the battery. It has a digital LCD display of battery voltage, incoming solar amps, outgoing load amps, detailed error messages, and other metering and data-logging capabilities. The solar charge controller is 99% efficient and has protection against over-currents and short-circuits.
- Power Inverter - 1,800-watt continuous/2,100-watt surge, pure sine wave, 12VDC to 120VAC/60Hz (220VAC/50Hz optional).
- Breakers/fuses - all of the electrical components are properly protected against over-currents and short circuits by circuit breakers and/or fuses.
- Case - all parts come in waterproof, dust-proof, and crush-proof hard cases for maximum portability and longevity.

In accordance with our policy to consistently improve our products, the specifications contained herein are subject to change without notice.