



solar4POWER® 120 SOLAR GENERATOR SYSTEM



DESCRIPTION

CME's solar4® product line includes the solar4POWER® 120 Portable Solar Generator System that is a quick and easy to deploy solar generator and foldable solar panels for harvesting the sun's power. The system is available in two configurations (1 panel or 2 panels) and includes an integrated battery and portable battery charger. For the best available power solution, the two-panel solar4POWER® 120-240 configuration provides continuous 120W of power from the sun to your electrical loads, while keeping the battery charged. The easy-to-use, off-grid solar array supplements your power at home, the cabin, or a campsite, and even for your RV to provide you with electrical power or an emergency supply whenever needed.

Rugged, durable, and rigid, solar4POWER 120 is quickly ready to provide off-grid power. The panels are built with strong tempered glass and an aluminum frame for temporary power and off grid use. CME's Portable Solar Generator charges your electrical/electronic equipment, power tools, or other power loads when needed. The panels can be set to a tilt angle to accommodate different geographic locations and seasons. Additionally, tracking the sun manually throughout the day can be accommodated by providing intermittent East-West adjustment when in use. The components of the solar4POWER 120 include the solar panels, cables, solar generator case including charge controller for charging and managing the battery, and an optional AC inverter. Additional panels and a portable battery bank case for additional energy/storage capacity can be purchased separately.

APPLICATIONS

Generate solar power everywhere you go! The solar4POWER-120 is portable, lightweight, and easy to set up and use. *We recommend solar4POWER 120-240 configuration that generates 120W continuous power for simultaneous use and battery charging.* Applications include:

- Solar energy harvesting and power storage and off-grid power source
- Emergency backup power source
- RVs, tent camping
- Hunting or fish camps, boating
- Tailgating/sporting venues
- Field/scientific research, remote medical missions, field photography
- Outdoor craftsman/hobbyist fairs

KEY FEATURES & BENEFITS

- Quick setup and easy to use
- Affordable, weatherproof, true *Plug & Play* solar unit
- Rugged, carry-on style portable case
- Control panel with outlet sources for 12-VDC and/or 120-VAC power
- Order solar4POWER 120 with a single foldable 120 watt solar panel; or the higher performance solar4POWER 120-240 with dual 120W panels providing 240W solar output for 120W of continuous power
- Battery: Sealed, Absorbed Glass Mat (AGM). solar4POWER 120 Battery provides 20 Ah, 240 Wh rated. solar4POWER 120-240 Battery is 35 Ah, 420 Wh
- Portable 12V battery charger included
- Expandable with additional panels for larger array

We Love to Design and Build!

Custom Manufacturing & Engineering™ ♦ ISO 9001:2008 & AS9100C Registered, ISO 17025 Accredited
3690 70th Avenue North, Pinellas Park, FL 33781 USA ♦ TEL: 727.547.9799 ♦ FAX: 727.541.8822

SPECIFICATIONS

OUTPUT VOLTAGES	18 VDC, 12V 10A Controller
POWER OUTPUT RATING	120W solar output (120W w/1 each foldable panel). With solar4 POWER 120-240 model, 240W solar output for 120W continuous power)
SHORT PROTECTION	Fused access points for solar panel, battery and inverter
CASE & DIMENSIONS	Panel/Durable Nylon Case, 28.35 in x 20.08 in x 3.15 in. (720 x 510 x 80mm); Rugged Generator Case: 22 x 14 x 9 inch
WEIGHT	Panels: 28.7 lbs (13 kg); Solar Generator Case: 29 lb
CASE/PANEL FRAME/GLASS	Black, Durable Nylon case with zipper. Frame is Black Aluminum alloy, anodized. Solar array is Monocrystalline Silicon, covered with Low iron, high transmission, tempered glass.
CONNECTORS	MC4 male and female cabling
AMBIENT TEMPERATURE	-13°F to 131°F (-20°C to 55°C) operating temperature range
RELATIVE HUMIDITY	10 to 90 percent non-condensing
ACCESSORY OPTIONS	Additional foldable solar panels with protective black nylon protective case
WARRANTY	1 year warranty; 30-day warranty on battery. Warranty covers defects in materials or workmanship.
MAINTENANCE	See manual for battery maintenance/replacement. Other than reasonable care and handling, no other preventative maintenance required.

solar4POWER® 120 & solar4POWER® 120-240 SOLAR GENERATOR SYSTEMS

RECOMMENDED 2-PANEL SYSTEM: P/N 0015253-002; OR 1 PANEL SYSTEM: P/N 0015253-001



SOLAR GENERATOR



**READY TO USE
120W PORTABLE SOLAR
SOLUTION**