



Product Data Sheet

SOLAR LINK 240

No. 69670 - 10/13



Sierra Wave™ Solar Link 240 is a remarkably light 9 lb. portable power center with a full 240-watt hours of rechargeable power. The internal LiFePo4 battery and energy management system is the most advanced on the market with a long life cycle and reliable performance. Achieve energy self-sufficiency right out of the box and use it to keep your electronic devices operating in areas without power.

SPECIFICATIONS

Battery type	LiFePo4 (lithium iron phosphate) 20Ah - 14.2V max
Battery lifespan.....	2000+ cycles (cycle = charge and discharge) up to 85% performance
Protection Circuit	Built-in over voltage and self discharge protection
Fuses (replaceable)	4A fuse (120V AC outlet) and 15A fuse (12V DC outlet)
DC input power	14.6V/4A, 10A max
120V AC Wall Charger.....	Input: 120V AC, 100-240V, 50/60 hz, 100VA Output: 14.6V-15V DC, 4A C-UL, FCC approved
12V DC Vehicle Charger.....	Input: 11-30V DC (regulated) Output: 14.6V DC, 2A
Rated output power	12V DC - 15A, <u>240 watt-hours</u> USB 2.0 (5V-2A) - 2 ports, <u>240 watt-hours</u> AC 120V, 60hz, 400 watts max modified sine wave inverter, <u>210 watt-hours</u>
Operating temperature	32° - 113°F (0° - 45°C)
Weight	9 lbs. (4.5 kg)
Dimensions	9.84" x 4.33" x 7.68" (250 mm x 110 mm x 195 mm)
Certifications	CE, FCC, meets EU low voltage 2006/95/ED and EMC 2004/108/EC

Packaging:

Each box:	13 lbs. (5.9kg)	0.58 CF (0.02 CM)	15.25" L x 6.75" W x 9.8" H
Case (2/case):	37 lbs. (16.8kg)	3.3 CF (0.09 CM)	21" L x 18.25" W x 14.75" H



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PARTS IDENTIFICATION



DC Input Port

- Solar collector
- 120V AC
- 12V DC

Output Ports

- USB
- 120V
- 12V



Included Adapters

- Solar charging cable
- 120V AC charger
- 12V DC charger

OPERATING INFORMATION

The Sierra Wave SolarLink 240 is a revolutionary product that brings portable energy to your home, office, or job site. Whether as a backup power supply for areas experiencing power outages due to natural disaster or as a mobile generator for a campsite, the SolarLink 240 powers your world. Charge it from available electricity or operate self-sufficiently using one of the Sierra Wave Solar Collectors. No set-up is required, just plug in and go. Includes a 12V & 120V chargers and a cable to connect directly to a solar panel.

Charge Time

- 5-6 hours using the included 120V AC charger
- 10-12 hours using the included 12V DC charger
- 6-8 hours using the Sierra Wave #9530 30-Watt Solar Collector (2 chained together)
- 6-8 hours using the Sierra Wave #9580 80-Watt Solar Collector

Operating Time Samples

- 2 hours for #6905 Max Burton® Digital Stove To Go®
- 8 hours for a standard TV
- 6 hours for small power tools
- Recharge a cell phone 20 times
- Recharge a tablet computer 10 times
- Laptop (65-90 watts) 3-4 hours

Note for 120V AC operation: includes a modified sine wave inverter with a 400W maximum output and 210 watt-hours of available power

To estimate how many hours of power are in the Solar Link using 120V AC, find the watt hour draw of the appliance that you wish to power and divide into 210. (EX: One 10-watt light = 21 hours of continuous light). For 12V & USB divide into 240.

Modified Sine Wave Inverter Information: Do not use any AC device above 400 watts. Modified sine wave power is suitable for most AC devices and power supplies used in electronic equipment, transformers, and motors. Do not use to power sensitive devices such as medical equipment, fluorescent lighting, some audio equipment and other devices warning against use with modified sine wave inverters. Caution: Using devices rated higher than 350-400W and operated for more than 10 minutes may cause the Solar Link to overheat and shut down. An in-line protection fuse and overload protection circuit is included for added safety. Once it has cooled the circuit will reset and the Solar Link will be operational again.



9580 Sierra Wave™ 80-Watt Solar Collector

Available Collection Devices



9530 Sierra Wave™ 30-Watt Solar Collector

WARRANTY

1-year performance warranty on all products from date of purchase. Report to home office or local Aervoe representative for examination. Because Seller cannot control Buyer's handling or use of product, Seller makes no warranty expressed or implied when not used or stored in accordance with directions. Seller shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to repair or replacement of product at company option.