



Product Data Sheet

No. 69700 - 07/18

#9700 ENERPLEX 1200 POWER CENTER BY SIERRA WAVE



Description: The EnerPlex 1200 Power Center by Sierra Wave is a lightweight and portable 1200Wh power center powered by a large format, 83 amp lithium battery and powerful 1000W AC inverter – no gas required. This power center is ideal for emergencies, camping, job site and whenever power is not available. Its small size, 16" x 12", and weight, 43 lbs., makes it easy to store or take anywhere.

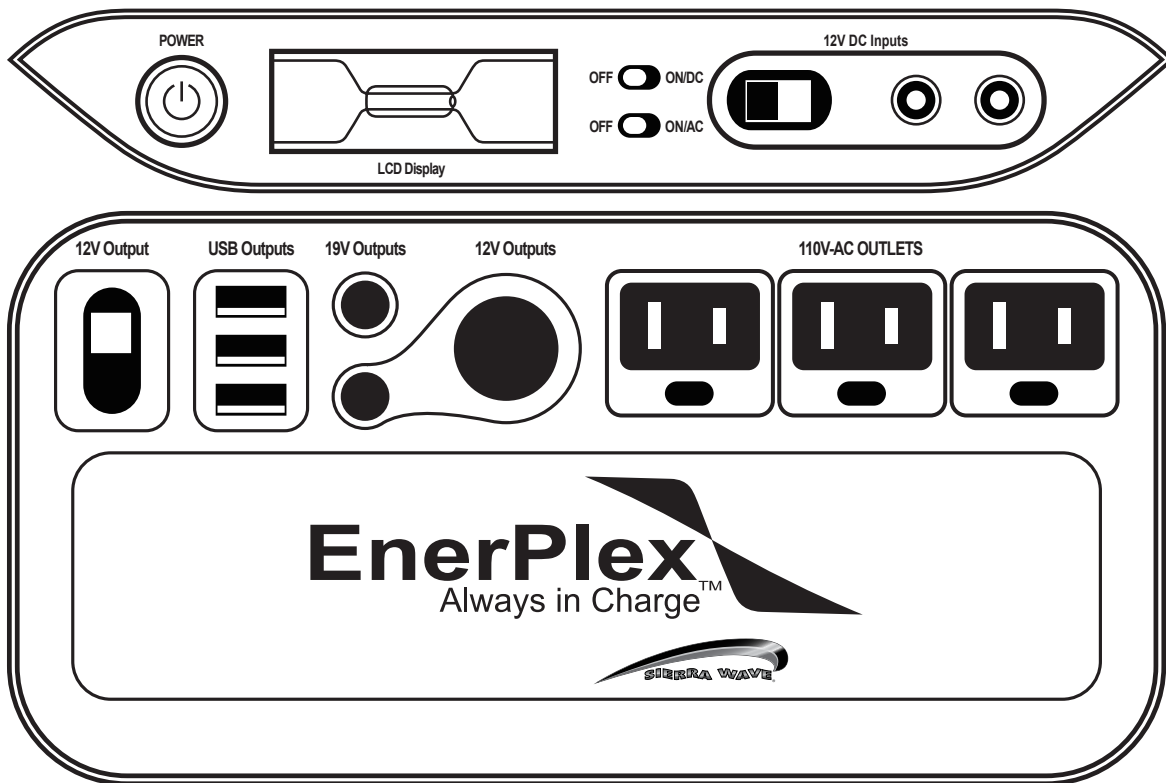
Recharge 3 ways using the included AC wall charger and 12V DC vehicle charger or using an accessory solar panel. Operates multiple devices using 120V AC, 12V DC, 5V USB, and 19V laptop outputs.

Benefits: Eliminate the noise of a gas generator and use safely indoors without carbon monoxide poisoning. It's an economical option with no gas to refill, or source in an emergency. Uses free solar energy! The compact and lightweight design makes the EnerPlex more maneuverable than a 12V lead acid battery. Power is easy to replace and easy to use with multiple options.

Applications: Use where power is not available such as off-grid locations, remote jobsites, power outages, disaster relief, and recreational activities. Powerful enough to operate standard home refrigerators, lighting, small cooking appliances, and recharge radios, cell phones, and cordless power tool battery packs. May be used with AC power tools up to 1000W (9A) rating.

Packaging:			
Display box:	47.5 lbs. (21.5 kg)	1.92 CF (0.54 CM)	17" L x 14.25" W x 13.75" H
Shipping box:	52 lbs. (23.6 kg)	3.2 CF (0.09 CM)	22.375" L x 15.5" W x 15.875" H

PARTS IDENTIFICATION



AC Charger



12V Vehicle Charger



Laptop Charging Cable & tips

For technical specifications refer to the product specifications section of this document or download the Operating Instructions at www.aervoe.com for complete information.

AVAILABLE ACCESSORIES available at www.aervoe.com and dealers nationwide.

120W Solar Panel #9590 will provide optimum charging performance. Use with the 30 ft. charging cable #9504.

Max Burton 12V appliances are essential to emergency preparedness or while enjoying the great outdoors. They operate directly from the EnerPlex.



#9590



#6983



#6905



#6973



#9504



#9721

SPECIFICATIONS

TYPICAL Charging Times

120V AC/10A Wall Charger	14-16 hours
12V DC/10A Vehicle Charger	16-18 hours
120-Watt Solar Collector #9590 (7A max)	14-18 hours

The EnerPlex is rated in watt-hours (Wh). For example, if you connected a television drawing 100 watts of power you could operate it continually for 10 hours if the battery were completely full (1000Wh EnerPlex / 100W device = 10 hours). To find your device's power draw, identify the Amps, Volts or Watts it uses. If watts are unknown, calculate it by amps x volts = watts.

TYPICAL Operating Times

Examples only and based on the wattage draw of connected devices and a fully charged EnerPlex battery. Do not operate AC devices rated over 9A.

Actual operating times and number of recharges will vary during operation and include normal power conversion losses of the EnerPlex battery. Charging the battery while using power will extend the operating times listed.

REFRIGERATION

3.3 CU FT Refrigerator (120V AC)

- Operate up to 2+ days once internal temperature is reached.

Max Burton Thermoelectric Cooler/Warmer #6983 (12V DC)

- 4+ days depending on use

LIGHTING

60W Table Lamp (120V AC)

- 12+ hours

Sierra Wave 3W Area Lights (12V DC)

- 80+ hours

COOKING

600W Microwave Oven (120V AC). *Do not exceed 1000W.*

- 90 minutes continuous operation

Max Burton Digital Stove To Go #6905 (12V DC)

- 6+ hours depending on temperature setting

Max Burton Coffee To Go #6973 (12V DC)

- Brew up to 8, 4-cup pots of coffee

COMMUNICATION

Smart Phones (5V USB)

- 100+ recharges depending on phone model

Laptop (19V DC or laptop AC charging cable)

- 20+ recharges depending on laptop model

32" LED Television (120V AC)

- 10+ hours

2-Way Hand-held Radios (120V AC)

- 25+ recharges

COOLING

Portable Room Fan (120V AC)

- 15+ hours

Max Burton 8" Fan (12V DC)

- 40+ hours

Portable Room Evaporative Cooler (120V AC)

- 10+ hours

TOOLS

Power Tools (up to 1000W, 9A, 120V AC)

- Example: 250W drill 1.5 hours

Cordless/Rechargeable Tool Battery Pack (2Ah)

- Recharge 20+ times

Water Sump Pump (120V, ¾ HP, 800W)

- 1+ hour

Portable Industrial Lights (500W)

- 2+ hours

SPECIFICATIONS	
BATTERY TYPE	Samsung lithium (NMC), 1231Wh/14.8V (83.2Ah) regulated
BATTERY LIFESPAN	300+ cycles (depending on charge and use)
REPLACEABLE FUSE	Available at automotive supply stores: Main Fuse, 35A cartridge Display Fuse, 15A cartridge
120V AC ADAPTER Meets CE, C-UL & FCC requirements	Input: 100-240V, 50/60Hz, 1.6A Output: 21V DC, 5.7A Meets CE, C-UL & FCC requirements
DC INPUT	<ul style="list-style-type: none"> • 12-24V DC max (120W total input max) • 7.4mm adapter/solar input jacks 16-34V (2 front panel and 2 back panel) • Anderson DC input (1 front panel and 1 back panel)
120V DC OUTPUT	AC Inverter: pure sine wave 110V AC, 1000W continuous 9A, 2000W peak, 60Hz 3 - AC power outlets, total combined 1000W/9A CAUTION: Do not use any device with a power rating exceeding 9A or the overload protection circuit will activate. May cause damage to the unit.
DC OUTPUT	3 - 5V DC USB ports, regulated 2.4A each 1 - 12V vehicle socket, regulated 12V DC, 10A, 120W 1 - 12V Anderson port, regulated 12V DC, 10A, 120W 1 - 12V 6.5mm x 3mm port, regulated 12V DC, 10A, 120W 1 - 19V laptop 7.44mm outlet, regulated 19V DC, 6.3A, 120W max
OPERATING TEMPERATURE	14°- 120°F (-10° - 49°C)
CHARGING & STORAGE TEMPERATURE	32° - 120°F (0° - 49°C)
WEIGHT	42 lbs. (19 Kg)
DIMENSIONS	16" x 12" x 11.4" (40.9 x 30.5 x 29 cm)

WARRANTY

1-year warranty to the original registered owner on all products from date of purchase. You may submit your warranty online at www.aervoe.com/resource-center/ or complete the attached registration form. User returns, exchanges and defective refunds must be made with Aervoe Industries, Inc., do not return to place of purchase. There is no warranty for buyer's remorse. Because Aervoe cannot control Buyer's handling or use of product, Aervoe makes no warranty expressed or implied when not used or stored in accordance with directions. Aervoe shall not be liable for cost of labor, incidental or consequential damages, and this warranty is limited to replacement or repair of product or credit of purchase. An out of warranty unit could be eligible for repair and refurbish at customers expense.