

POWERPAC 1000W/830Wh

PORTABLE 830Wh LITHIUM POWER STATION

Professional grade mobile LiFePo4 portable energy in a tough weather-resistant case

BIG POWER, SMALL PACKAGE

1000 Watts of peak AC output power and 830Wh of available stored energy at only 24lbs and the size of a small carry-on bag

SAFEST CELLS, LONG WARRANTY

Uses premium UL Listed LiFePO4 battery cells with >6,000 cycles at 50% capacity, 3,500 cycles to 80% capacity. Cell warranty is 5 years.

RUGGED

Weather and shock resistant casing, covered caps, screened vents and easy transport handle. Case meets UL94-V1 fire retardancy standards.

FAST CHARGING POWER

24V Charger allows for AC charge from 10% to full in <four hours. Optional Solar charging option in as fast as one hour.

PURE SINE WAVE INVERTER

Produces efficient, secure, and safe AC output with high quality waveform

ENDLESS USES

Use for most household items, power tools, refrigeration below 1000w. Check appliance ratings if in question

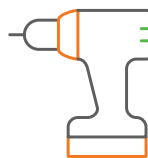


*See grid on page 2 for estimated run times

Unplug from the grid and go! The PowerPac is a great alternative to small portable generators featuring unrivaled energy storage and power output for the size and cost. Charge from zero to a full battery in only 4 hours to power anything from tool, laptop and cell phone chargers to fiber optic splicers, CPAPs or even a small freezer! Feel secure that you're using the safest lithium-ion chemistry available with no explosive hazards thanks to these premium catl. LifePo4 cells.

Emergency
Response
Residential
Backup Power
Medical
Equipment

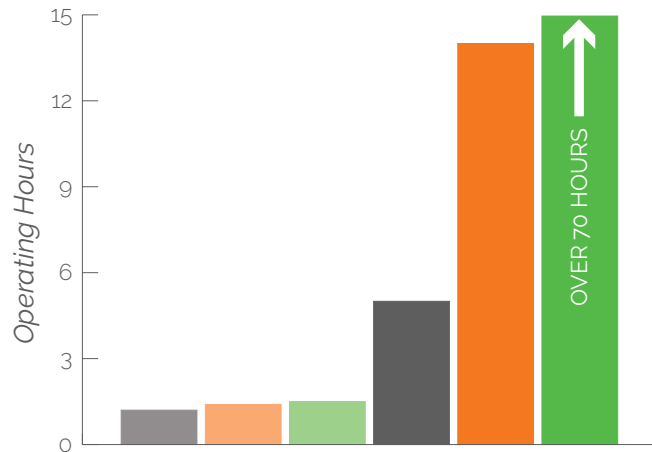
Communications
Worksites
Emergency EV Charging
Paramedics
Remote Locations
RVs and More



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POWERPAC 1000W/830Wh

WHAT DOES IT POWER?



Cell Phone, Tablet or Power Tool Charger/LED Bulb/Router Fiber

Optic Splicer/LED TV/Small Fridge/Laptop Charger CPAP/Desktop

Computer/Large Fridge

35L/Minute Water Pump

Reciprocating Saw/Drill Press



*Estimated run time at lowest setting

NOTE: Actual appliance specs will vary based on make and model. Watts indicated are for steady-state operation. Some appliances have a brief initial surge upon starting but the **PowerPac 830** is capable of handling this surge. Operating times are based on 85% of stated battery capacity.

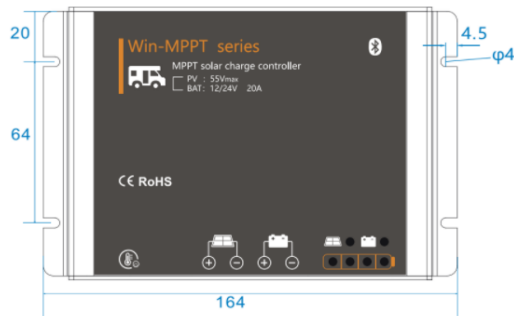
SPECIFICATIONS

Product	1000W / 830Wh Portable Power Station
SKU	PPS-1000-830
Battery Chemistry	LiFePO4
Nominal Stored Energy	830Wh
AC Output	120V 60 Hz AC Output (2 ports)
Storage Temperature Range	14°F – 131°F (-10°C – 55°C)
Operating Temperature Range	32°F – 122°F (0°C – 50°C)
Charging Temperature Range	32°F – 113°F (0°C to 45°C)
Charging Options	29.6V 6A/ 203W High-powered fast charger incorporated; DC car charger available; Solar charging option available
Estimated Charge Time	4 hours with incorporated AC charger
Power Metering	State of Charge Indicator and Voltage indicator included on the external casing
Output Power	1000W Continuous
Surge Rating	Microsecond surge to 1800W, 10 second surge to 1500W, one minute surge to 1200W
Battery Management System	Integrated
Indicator Light	Binary Charge State Indicator Light
Estimated Cycle Life	10 year estimated cycle life with normal use
Weight	24.2 lbs (11 kg)
Dimensions (L x W x H)	14.4" x 10" x 5.6" (367 x 255 x 141 mm)
Warranty	2 Year Limited Manufacturer's Warranty

ACCESSORIES

EXTERNAL CHARGE CONTROLLER KIT

Get the most out of your 1000W PowerPac by enabling solar DC Charging with the Win-MPPT Series 20A Charge Controller. This kit works perfectly with our 200W Folding Panels. It utilizes high-quality standard MC4 Connectors that are universal for any standard panel. It is also Weather-resistant and weighs only four lbs.



DC Car Charger

Get quick DC car charging on the move from any standard car DC lighter with the DC Car Charger. Safe, quick, and convenient, this provides yet another alternative charging source.



SPECIFICATIONS

Product	1000W / 830Wh Portable Power Station Solar Charging Kit and DC Car Charger
Solar Charging Kit SKU	PPS-1000-830-E
Charge Controller Model; Wiring	Win-MPPT 20A; THHN 10-Gauge USE-2 Rated
Charge Controller Dimensions (L x W x H)	6.5" x 4.2" x 1.3" (164 x 107 x 32 mm)
CC to PV Connectors Cable Length (Gauge)	10' (10)
DC to CC Connection Length (Gauge)	18" (10)
System Voltage	12/24V automatic recognition
System Charging Current	20A
Max PV Voltage	50V
Low voltage disconnect	9.0~30.0V(Lithium, default: 10.6V)
Low voltage reconnect	9.6~31.0V(Lithium, default: 12.0V)
External Casing	IP54 Charge Controller Ruggedized Case, THHN Rated Wire Coating, Water Resistant Connectors
Operating (Storage) Temperature	-20 ~ +55°C (-25 ~ +80°C)
Weight	4 lbs (1814g)
DC Car Charger SKU	NUE-DCCGR-10-830
Input	12-24V DC Car Charger
Output	29.2V, 4 Ah
Indicator System	Red-Charging, Green-Fully Charged
Universal Accessory Warranty	2 Year Limited Manufacturer's Warranty