



BATTERY EVO

300W PORTABLE POWER STATION 220V



REIMAGINING ENERGY STORAGE

Energy storage doesn't have to be fixed; it can be portable. It can be both lightweight and powerful, and can be grid powered or solar powered. Our lithium-based products have high energy density, quick recharge times, light weights, robust casing, and deep cycling capability, all at record breaking value for money.

The 300W Portable Power Station is a sleek, attractive, and highly portable power source with a range of charging options (AC/DC/solar panels). It features USB and standard outlets, and has a robust aluminum exterior casing.

Use it for uninterrupted power when on the move, in emergencies, disasters, or in black/brown outs. This product will keep you online by powering phones, computers, routers, and can even provide your home or campsite with fans and lighting. It recharges quickly from an outlet or a solar panel, and it's lightweight enough to take it on the go. Unplug from the grid and go!

CONTACT US

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OUT OF BOX ESTIMATED RUN TIMES

DEVICE	ENERGY CONSUMPTION (WATTS)	ESTIMATED RUN TIME (HOURS)
46" LED TV	65	2.8
HOME PHONE	4	45.0
COMPUTER MONITOR	25	7.2
DESKTOP COMPUTER	200	0.9
ELECTRIC BLANKET	200	0.9
SMALL FRIDGE/FREEZER	100	1.8
GUITAR AMPLIFIER	25	7.2
ROUTER/WIFI	10	18.0
LAPTOP CHARGER	70	2.6
LED BULB	8	22.5
TALL PEDESTAL FAN	55	3.3
CELL PHONE CHARGER	5	36.0
LARGE REFRIGERATOR	200	0.9
TABLE FAN	15	12.0
TABLET CHARGER	10	18.0

*Run times are per item, one at a time, so for both a tablet charger and a small table fan, estimated run time = approximately 5.5 hours.

BATTERY EVO PORTABLE POWER STATION:

01

LOW-COST, HIGH-VALUE

Efficient supply chain, top-quality manufacturing, and innovative engineering lead to eye-dropping price points.

02

LIGHTWEIGHT & PORTABLE

Fits in your hand or a backpack; 160Wh at only 1.95kg (4.3 lbs) translates to far greater power and portability than lead acid batteries; take it anywhere!

03

DUAL GRID & SOLAR INPUTS

You choose super quick recharge from the grid or solar charging at no more than 2A and 42-60v.

04

BLACK/BROWN OUTS?

Perfect in blackouts and brownouts and it can be easily shared.

05

LONG RUN; QUICK CHARGE

Indicative run times show that our value to cost ratio is unrivaled; charges in just a couple of hours.

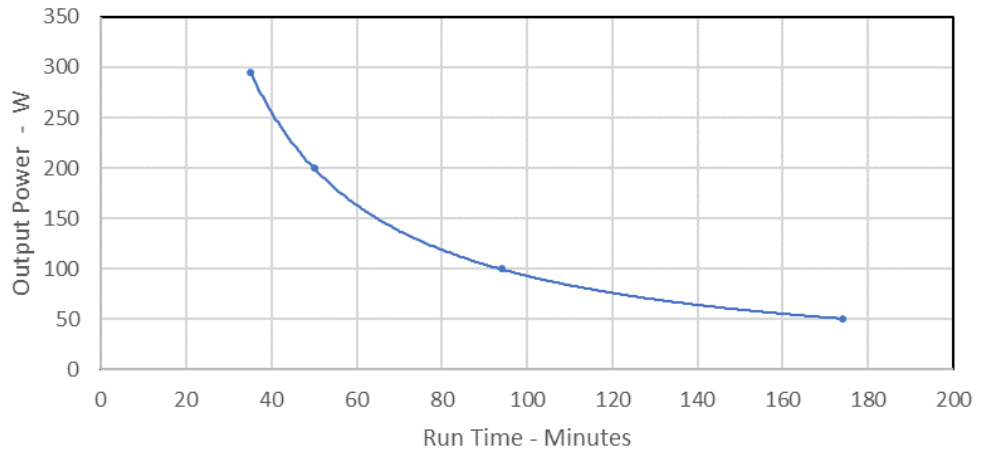


Affordable Energy for Anyone, Anywhere

CONTACT US

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Run Times vs Output Power



DESIGNED AND MANUFACTURED BY



Product	Portable Power Station 220v
Model Number	PM1-3622
Batteries	Lithium Nickel Manganese Cobalt Oxide
Nominal Stored Energy	160 Wh
Output Voltage	220V ac, 50 Hz, modified sine wave, (single port universal)
USB 2.0 Output	5V dc, 2A (2 ports)
Storage Temperature Range	-10 °C to 55 °C
Operating Temperature Range	0 °C to 45 °C
Charging Temperature Range	0 °C to 45 °C
Atmosphere	Non-condensing
Output Power	300W continuous output 450 W short-term for load in-rush
Battery Run Times	Load Dependent: See Graph/Chart
Self-Discharge	90 hours with no load, power on
Shelf Life	240 days with no load, power off
Cooling	Internal fan; auto start
Display	Approximate indication of state of charge
Operating Modes	Discharge Charge UPS Mode (charge/discharge) - 70W max.
Protective Shutdown	Temperature Overload Short Circuit
Internal Fuse	Not user-replaceable (secondary protection)
Audible Warnings	Battery Discharged Overload Shutdown
Battery Management System	Integrated
Estimated Cycle Life, By Depth of Discharge	400 cycles @ 90% DOD 800 @ 60% DOD
Warranty	1Year Manufacturer (Big Battery, Inc) Limited Warranty
Certifications	CE and UN/DOT
AC Charging Inputs	Integrated AC charger 100-240V AC universal input - 72W
Optional DC Charging	42V dc - 1.9A max
Optional Solar Charging	42V to 60V - 2A max
DC/Solar Charging Input Connector	5.5mm x 1.7mm male adapter (e.g. DC5517)
Recommended Solar Panels	Contact NUE-S; available for purchase
Exterior Case	Extruded Aluminum
Weight	1.8 kg 4 lbs
Dimensions (L x W x H)	266 x 92 x 80 mm 10.47 x 3.62 x 3.15 inches

DETAIL VIEW



*The data shown here was obtained from the manufacturer and is believed to be correct at printing. The manufacturer reserves the right to make changes at any time. Prices and specifications are subject to change anytime at the discretion of New Use Energy.