

Ark Evo 1800W

IP67 Dustproof & Waterproof

Portable Power Station for Professionals



IP67 Dustproof & Waterproof

No more weather limitations



1800W AC Power, 3300W Surge

Confidently provides reliable power to a diverse range of devices



800W Solar Charging

Ditch gas, go solar



BMS 35 Protections

Ensures stable power anytime, anywhere



Ergonomic Hulk-Belt System

Designed for ergonomic comfort and support

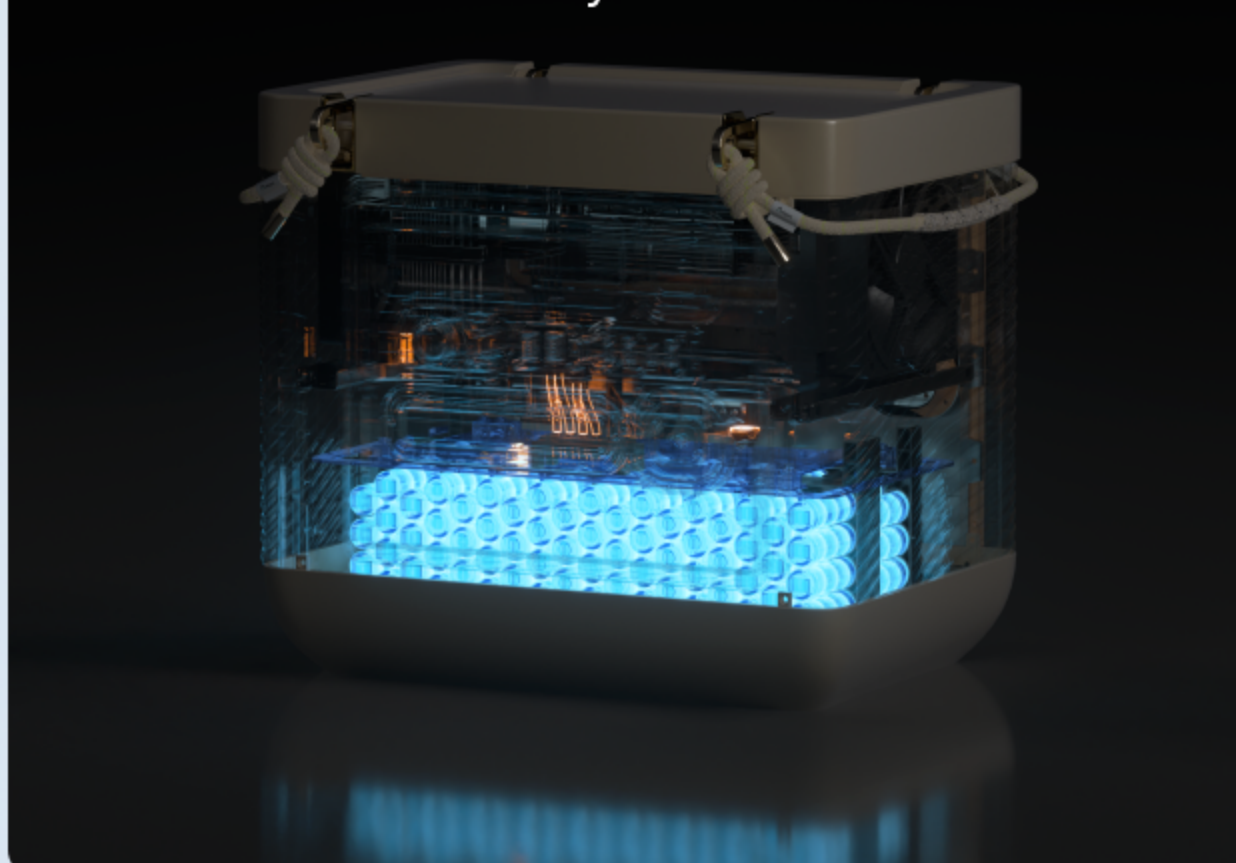


Built-in Light Supports SOS Mode



1200Wh Capacity

Keep your electronic devices running for hours or even days



UPS 20ms

Power supply without interruption



LFP Battery

3000+ charge cycles at 80% capacity

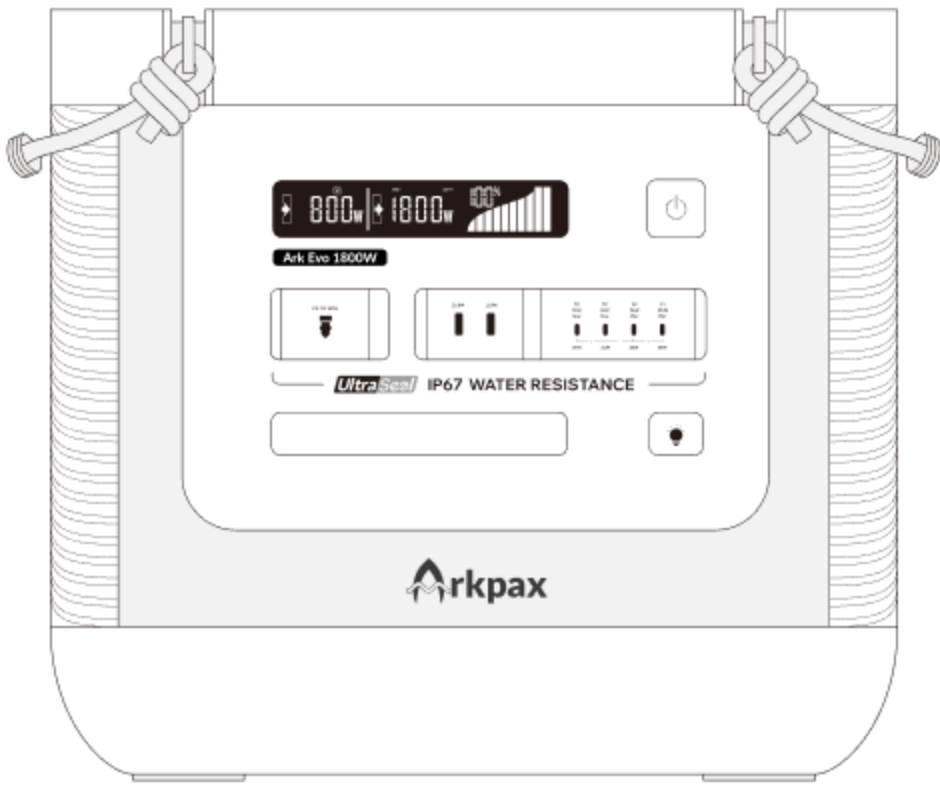


Power Multiple Devices at Once

Charge 11 devices at the same time



Arkpax is the sole brand with IP67 - rated portable power solutions. Waterproof and dustproof, they endure harsh environments. Ideal for construction, events, emergencies, film, and marine use. Power everything from small electronics to high - demand appliances without limitations.



Technical Specifications

Parameter	Value
Discharging	
AC Output	120V~60Hz Pure Sine Wave 1800W (Surge 3300W) AC Output x 4
DC Output	Total Maximum 338W
Car Power Output	12V, 10A, Maximum 120W x 1
USB - A Output	Maximum 22.5W x 2
USB - C Output	5/9/12/15/20, 5A. Maximum 100W x 1, Maximum 36W x 3. Total Maximum 173W
Charging	
AC Input	1000W (About 1.8 Hours for Full Charge)
Arkpax Solar Panel	200W x 4 (800W Maximum) Charging Time: 3 - 6 Hours
Car Charging	12V/24V, 10A. Maximum 240W. About 7 Hours for Full Charge
General Information	
Product Name	Arkpax Ark Evo 1800W
Capacity	1200Wh
Dimensions (cm/in)	W37.5 x D26.2 x H34 cm W14.76 x D10.32 x H13.39 in
Weight (kg/lbs)	24 kg 52.91 lbs
Battery Type	LFP (LiFePO4 Battery)
IP Class	IP67 Dustproof & Waterproof UltraSeal
Cycle Life	3000 Cycles to 80+% Capacity
UPS	≤20 ms
LED Light	√
Operating Temperature	32~104°F (Charging) 14~104°F (Discharging)

Ark Evo 1800W Appliance Runtime



Home Backup



Coffee Maker
1200W
0.9 h



Refrigerator
800W
1.4 h



Electric Kettle
1000W
1.1 h



Blender
500W
2.2 h

Professional / Commercial



Electric Drill
1500W
0.7 h



Jig Saw
600W
1.8 h



Belt Sander
1200W
0.9 h



Electric Chain Saw
2000W
0.5 h

Off-Grid Life



Television
100W
10 h



Smartphone
15W
38.9 h



Laptop
30W
25.8 h



Fan
20W
33.3 h

Marine Appliance



Bait Cooler
30W
25.8 h



Electric Winch
1000W
1.1 h



GPS
30W
25.8 h



Marine Radio
25W
29.1 h

Emergency Service



Ventilator
100W
10 h



ECG Monitor
6W
55.9 h



Oxygen Concentrator
500W
2.2 h



Blood Pressure Monitor
4W
61.9 h