

FAQ

Q: What does it do?

A: Essentially, it is a solar & vehicle chargeable battery with an inverter. Or simply put, it charges from solar, mains or vehicle and gives you mains power on the move.

Q: Can it charge and discharge simultaneously?

A: Yes, both AC and DC charge can work as the unit is discharging AC and DC simultaneously.

Q: Does it have remote control?

A: They can be controlled via the App, allowing remote ON/OFF of AC and DC separately. This can work from long distances if the power unit is within a wifi signal.

Q: How long does it last?

A: Good idea to respond with a question here:

What sort of things will you be using?

Take the highest power appliance and divide the wattage by the storage capacity of the power station.

Eg. Air fryer (around 1000W) / PEAK 2.2 1500Wh = 1.5h continuous use. So about 4 x 20 minute sessions using the fryer. The chart I attached will help with knowing the power draw of various appliances. Additionally, our website has more information about runtimes based on what you use.

Q: Why is it better than the others?

A: Unique Selling Points below:

PEAK 2.2

Dual DC charge ports

- The small port handles 12-18V inputs which is what you would get from the car cigarette lighter port. A small solar panel would be suitable also as long as it doesn't have a higher Open Circuit Voltage than 18V (this is stated on the panel label).
- The larger port is for 32-95V inputs such as larger solar panels (or a combination of smaller panels) or the CHARGE-500W alternator charger.

PEAK 3.6

Three DC charge ports

- The smaller port handles 12-30V inputs which is what you would get from the car cigarette lighter port. A small solar panel would be suitable also as long as it doesn't have a higher Open Circuit Voltage than 30V (this is stated on the panel label).

- The larger twin ports offer a 32-150V input each with 20A current. This is enough to accept three large domestic solar panels in each port (one could have the CHARGE-500 alternator charger in one port and a large solar panel into the other simultaneously).
- If the twin ports are set to parallel mode (via the touch screen) you can input up to 40A current so 6 domestic panels in a combined wiring configuration can be applied (this is a huge selling point for some applications).

Touch Screen

Super Silent Operation

30A DC output - Covers: diesel heater, 12V fridge, water pump, lights simultaneously and can be run from the XT60 port to their DC circuit.

- Worth telling them that 95% of portable power stations only have 10A DC out and that will not run a diesel heater on startup. And definitely won't run all DC requirements at once.

All power station models and CHARGE 500

- **5 Year warranty (2 years on solar panels only)**
- **UK brand with excellent support**