Home Battery Backup

clear energy™

PEACE OF MIND...
EVEN WHEN THE
POWER'S OUT.
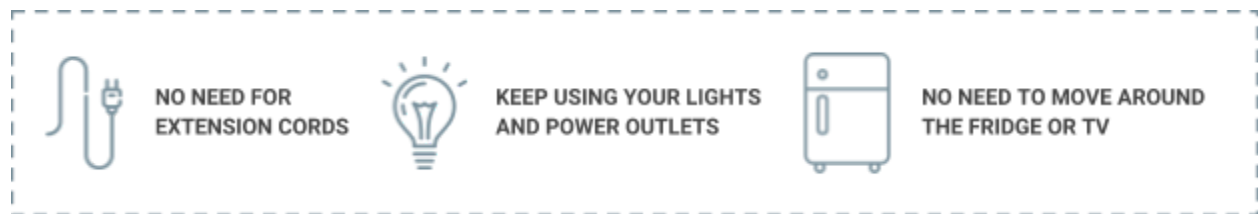
✉ sales@clearcenter.com

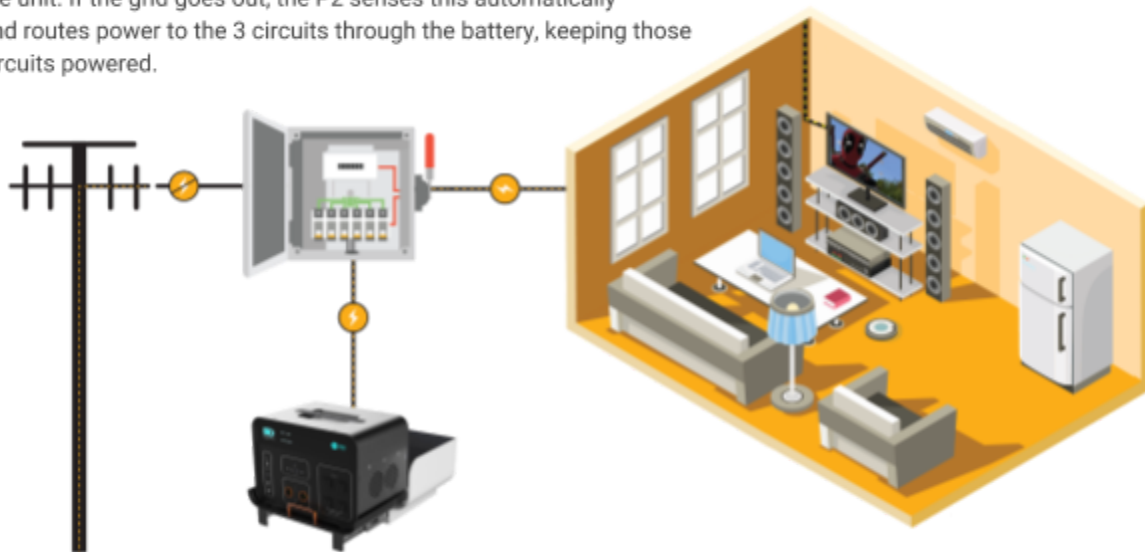📞 +1.800.977.0574

Keep your essentials powered

The ClearEnergy ClearPOWER P2 is designed to power your "essentials" for a few hours, enough time to outlast the average US power outage.

	Appliance	Watts Per Hour	Duration
	Refrigerator	Average 200 Watts per Hour	About 7 Hours
	5 LED Lights	Average 50 Watts per Hour	About 30 Hours
	TV	Average 100 Watts per Hour	About 15 Hours
	Laptop Computer	Average 40 Watts per Hour	About 37 Hours
	Floor Fan	Average 70 Watts per Hour	About 21 Hours

NO NEED FOR EXTENSION CORDS

KEEP USING YOUR LIGHTS AND POWER OUTLETS

NO NEED TO MOVE AROUND THE FRIDGE OR TV

How the ClearPOWER P2 Home Battery Backup Works

Three circuits from your home, of your choosing, are looped through the unit. If the grid goes out, the P2 senses this automatically and routes power to the 3 circuits through the battery, keeping those circuits powered.

Product Specifications

General

Dimensions: 10.3 D x 15.5 W x 10.8 H in
(26.16 D x 39.37 W x 27.43 W cm)
Weight: 55lbs (24.94 kg)
Chainable: Coming Late 2018
Warranty: 12 Months Electronics / 5 Years Batteries

Battery

Battery Chemistry: Li-ion NMC
Capacity: 1534Wh (25.2V, 60.9ah)
Lifecycles: 2000 cycles to 90% depth of discharge
Maintenance: Minimum - Charge every 10-12 months.

Charging

Input A/C: 126W max. (12.6v, 10A)
Input Solar: MPPT charge controller 24V, 22.5amp
(540W max)

Output

(4) USB Port (output): 5V, up to 2.4A (12W max)
(2) 12V DC car port (output): 12V, up to 10A (120W max)
(1) 12V DC 8mm (output): 12V, up to 10A (120W max)
(1) 24V DC 8mm (output): 24V, up to 10A (240W max)
(4) AC Inverter (output, pure sine wave): 120VAC 60Hz,
(2500W, 5000W surge)