Home Battery Backup

PEACE OF MIND... EVEN WHEN THE POWER’S OUT.

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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.

<table>
<thead>
<tr>
<th>Appliance</th>
<th>Watts Per Hour</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refrigerator</td>
<td>Average 200 Watts per Hour</td>
<td>About 7 Hours</td>
</tr>
<tr>
<td>5 LED Lights</td>
<td>Average 50 Watts per Hour</td>
<td>About 30 Hours</td>
</tr>
<tr>
<td>TV</td>
<td>Average 100 Watts per Hour</td>
<td>About 15 Hours</td>
</tr>
<tr>
<td>Laptop Computer</td>
<td>Average 40 Watts per Hour</td>
<td>About 37 Hours</td>
</tr>
<tr>
<td>Floor Fan</td>
<td>Average 70 Watts per Hour</td>
<td>About 21 Hours</td>
</tr>
</tbody>
</table>

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.
Home-integrated and portable

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)
- **Chinable:** 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)