The PowerHex is a mobile backup device delivering an elegant quality-of-life solution during loadshedding and other instances where the grid fails.

The PowerHex is ready to use immediately. Connect it to your device/s using the cables provided so that when the power fails, there is an instant, seamless switchover from mains power to battery power.

ECO-friendly and non-polluting.

No Fumes. No Fuel. No Fuss.

IDEAL FOR HOME AND OFFICE


Powers a load of ± 600W for one hour

2-Year Warranty
Plug the PowerHex into a wall plug with cable provided. Charge your battery via grid power.

Model: PowerHex-G-1000W-B and PowerHex-G-1000W-W

**How Does it Work?**

Plug your loads into the AC socket.

Sample load only. Refer to Run Time table for your own load.

**Inverter Runtimes**

Available in Black or White

**Back-up time varies according to load and assumes fully-charged and new 12V 100Ah batteries and a 60% depth of discharge:**

1000W for 30 Minutes
900W for 40 Minutes
800W for 45 Minutes
700W for 50 Minutes
600W for 1 Hour
500W for 1.15 Hours
400W for 1.30 Hours
300W for 2 Hours
200W for 3 Hours
150W for 4 Hours

**Model:** CF1240L

- **Nominal voltage (VDC):** 12V
- **Cont. Power @25°C (VA):** 1200
- **Cont. Power @25°C (W):** 1000
- **Overload capacity:** >110% - 15 minutes, >125% - 1 minute, >150% - 20 seconds
- **Surge:** 300%
- **Output voltage (VAC):** 230 / 110 ± 2%
- **Output frequency:** 50 / 60 Hz ± 0.1%
- **Efficiency (MAX):** 89%
- **Bypass range (VAC):**
  - UPS Mode: 184 ~ 264 VAC / 88 ~ 127 VAC
  - GEN Mode: 173 ~ 276 VAC / 67 ~ 132 VAC
  - Weak Grid Mode: 167 ~ 264 VAC / 80 ~ 127 VAC
- **Crest factor:** 3:1
- **THD:** <3%
- **Zero load power (W):** 11/12 W
- **Zero load power (power save mode) W:** 2.5 / 3 W
- **Overload protection:** auto disconnect with 3 times restart attempt
- **Shortcut protection:** auto disconnect

**Nominal output voltage (VDC):** 12V

**Max output current (A) - adjustable:** 40 / 20

**AC input range (VAC):** 195 ~ 264 VAC / 93.5 ~ 126.5 VAC

**Battery Types:** AGM / Gel / LFP / Flooded

**Absorption time:** Variable

**Temperature compensation:** -4mV / °C / cell

**Slave charger:** 3 to 5 A float charge

**Weight:** ±60kg

**Dimensions:** 4875mm x 420mm x 420mm