

Backup-Mobile 12V



Specifications:

12 Volt 5 Amp-hour battery

Fuse Type ACG 15 Amp (maximum peak load of **12** Amps)

Terminals:

- GND Common connection (-)
- Load Load (+)
- Main Main battery (+)
- Aux Access to internal battery (+)

Dimensions:

fits inside 6" X 6.5" X 5.5" space

The Backup-Mobile is a miniature UPS system which provides 12 volt DC uninterrupted power to a maximum load of 12 Amps when the main power fails. Turn the switch "On" for normal operation. UPS operation starts when the main voltage drops below "N" volts (can be set per customer request, default is 13.1 Volts) Should the internal battery voltage drop below "P" Volts (can be set per customer request, default is 10 Volts) the load is disconnected to save the battery from complete discharge, which would shorten the battery life. The switch should be turned "Off" for storage to avoid discharging the internal battery.

An additional external 12V battery may be added to the GND (-) and Aux (+) terminals for increased capacity.

The LEDs indicate which source, Main battery or Auxilliary (internal) battery, is powering the load. Optionally a signal can be provided on a connector (per customer request) to be used to operate relays, remote LEDs, etc.

