

# Backup-Mobile 24V



Specifications:

24 Volt 1.2 Amp-hour battery

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

1.2Ah

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 24 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 26.2 Volts) Should the internal battery voltage drop below "P" Volts (can be set per customer request, default is 20 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 24V 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.

