

# Battery Preserver



Defend engine start battery energy levels and remove auxiliary loads from your charger using the Battery Preserver. It diverts accessory power consumed from main batteries to an independent DC power source when AC is present on vehicle. Radios, hand lights, mobile computers and other auxiliary loads are powered from the Battery Preserver, which allows the onboard charger to recover and maintain vehicle batteries between emergency calls. Use of the Battery Preserver significantly improves the effectiveness of the vehicle's onboard charger as it removes parasitic loads which divert power that would otherwise be available to the main vehicle batteries, thus allowing full power from the charger to be dedicated for recharge purposes.

## Features / Benefits

- Automatically senses when AC power is available on the vehicle and disconnects auxiliary loads from main battery and connects to the Battery Preserver
- When AC power is removed, auxiliary loads revert to primary battery via an automatic transfer relay and continue to operate.
- Fast acting transfer switch changes auxiliary load power source from vehicle battery to battery preserver and back without interruption. The power source change is transparent
- Highly regulated and filtered output runs comm gear without noise or interference
- Works in conjunction with any onboard battery charger
- Single or dual battery installation option: Dual isolated output preserves power on two independent battery banks
- 12 and 24 volt models available.

Models:	Volts	Amps
BP-12-7	12	7
BP-12-14	12	14
BP-12-25	12	25
BP-24-8	24	8
BP-24-13	24	13

## Electrical:

**Input:** 115/230 vac, 50/60 Hz

**Output:** 13.4 vdc

**Ripple:** 120 mV p-p maximum

**Protection:** Short circuit, overload, over voltage

**Indicators:** Power on

Remote metering optional

## Mechanical:

- Anodized Aluminum case
- Front panel terminal block
- AC power cord provided

## Typical Wiring Diagrams

