

Low Ripple Battery Saver with USB Port

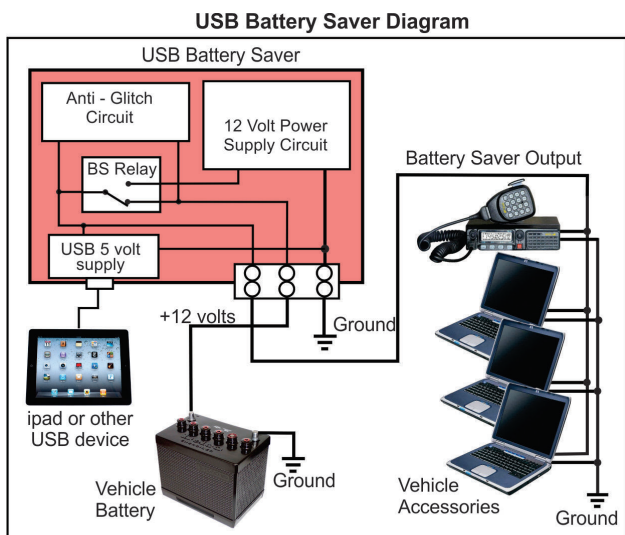
Battery Saver

Features

- 20A, 12V
- Front panel USB interface used for recharging electronic devices such as the iPhone or iPad
- Relay removes auxiliary loads from vehicle battery and connects to battery saver, preventing battery discharge when in station
- Clean, low ripple output causes no interference with sensitive electronics
- Anti-glitch circuit which protects computers from losing power and causing them to reboot
- Current limiting prevents overload
- 13.2V setting or specify
- Front panel "Power On" indicator
- Designed for rigors of emergency vehicle use; heavy duty case and components



Wiring Diagram



Battery Saver operation

When the Battery Saver is operating, the vehicle's accessories are powered by the 12 volt power supply, internal to the unit. When the Battery Saver is powered off, a relay inside the Battery Saver switches the vehicle accessories directly to the battery. An anti-glitch circuit assures that there is no power drop during the switch over from the power supply to the battery.

Specifications: Low Ripple Battery Saver

Input Power: 120Volts AC., 50/60Hz, 4.5 Amp RMS
(3-ft IEC cord set supplied with unit)

Input Fuse: (2) - 6.3 Amp, fast acting, 5 X 20mm,
Littlefuse p/n: 021606.3

Output Voltage: 13.2 Volts DC @ 20Amps

USB: 5.0V, 1A

Output Current: 20 Amps, D.C.

Output Ripple: 30 millivolts, AC., RMS

Electronic Current Limit: 20 Amps D.C. from Battery Saver output

Output Fuse: 25 Amp, fast acting Autofuse, Littlefuse p/n: 0257025

Indicators: 1. Battery Connected: Green LED

2. Battery Saver ON: Green LED



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Part Number	Description	Electrical Data				Dimensions			Wgt.
		DC Volts	DC Amps	AC Volts	AC Amps	H	W	D	
091-195-12-USB	Battery Saver Low Ripple with USB Port	12	20	120	4.5	13.00"	5.50"	2.50"	4