Noise Filters & Automatic Power Selector

Noise Filters

The interference or electronic "noise" generated by alternators, ignition systems, motors, etc., can render a vehicle's radio, data receivers or other electronic equipment making them virtually useless. This interference takes the form of popping or static on radios or audio gear and garbled images or "hash" on video displays.

These specialized filters can be used singly or in combination to attenuate conducted line noise, either at the affected equipment or at the noise source. The "PC" models feature inductor and capacitor circuit that filters both the "+" and "–" leads.

Filter Features

- Heavy duty construction
- Operate on 6-48 VDC systems
- Integral mounting flanges for secure installation
- Nickel-plated brass stud connectors on alternator filter (model 150A) accommodate high current cables and terminals
- Color coded wire leads on all other models make in-line installation easy

Model	Description
150A	Alternator filter, 150 amps
PC-10	Affected equipment inductor/capacitor, filters "+" and "–" leads, 10 amps
PC-25	Affected equipment inductor/capacitor, filters "+" and "–" leads, 25 amps

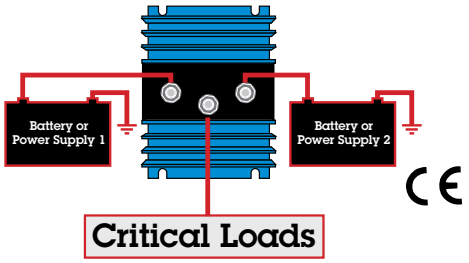
APS-70

Automatic Power Selector

The Automatic Power Selector (APS) is a solid state device which enables installation of a seamless, redundant power system for critical electronic loads. It selects the higher voltage of two isolated DC power sources and routes power to the load. Should one source falter or fail, the other will automatically supply the load with no transfer delay, operation continues uninterrupted.

Easy installation, two independent power sources are wired to the APS and routed in a single output to the vital load. Rugged, rust-proof anodized aluminum case.

Typical Installation



Model	Max Loads	Voltage Rating	Dimensions (Inches)	Weight (Lbs.)
APS-70	70 Amps	6-50 VDC, neg. ground	3.25" x 4.5" x 3.1"	2
APS-160	160 Amps	6-50 VDC, neg. ground	9.0" x 4.5" x 3.1"	5

Powering the Network