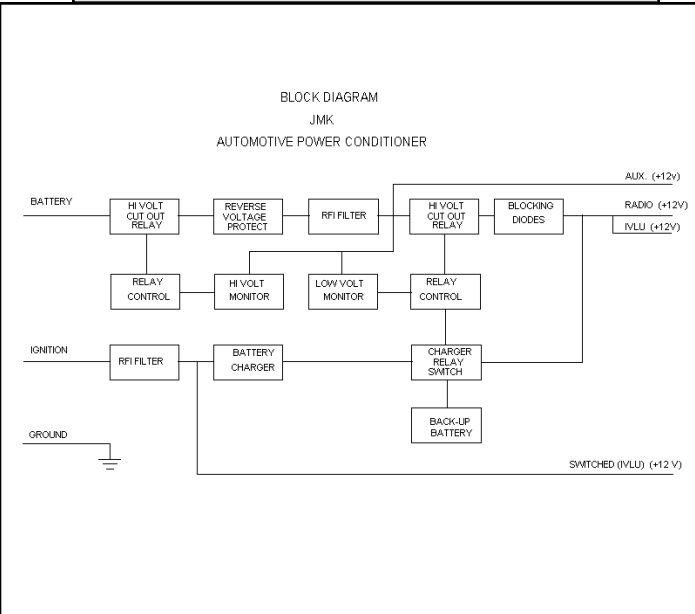




GG-1141-20A

The JMK Mobile Power Conditioner is designed to protect sensitive electronic hardware installed on autos, buses, or trucks from damage or mal-function. Automotive electrical systems create a lot of internal electrical noise because of spark plugs, relays, electric motors, and other electronic hardware. As vehicles become older this noise can become even more problematic because of worn contacts on switches, dirty connections etc. This Power Conditioner is painted with powdered epoxy paint and designed to and meet MIL-STD-810. The Conditioner performs the following:

- * Eliminates High frequency RF noise
- * Eliminates high voltage transients.
- * Switches to battery backup if the alternator voltage is too high or too low.
- * Automatically returns to alternator power
- * Maintains backup battery at optimum charge
- * Provides a steady, filtered ignition sense level.



Operating Voltage = _____ 12 Vdc
 Operating Current = _____ 20 Amp
 Operating Temperature = _____ -40 to 50°C

Internal battery charger = _____ 13.8 V

High Voltage Cut-Out Level = _____ 18.0 V
 High Voltage Cut-Out Time = _____ 5.0 ms
 Low Voltage Battery Cut-In Level = _____ 11.8 V
 Low Voltage Battery Cut-In Time = _____ 5.0 ms

Reverse polarity protected

Noise attenuation:
 15 db at 10 Hz
 35 db at 100 Hz
 65 db (min) from 1000 hz to 1.0 Mhz

Order P/N: GG-1141-20A

