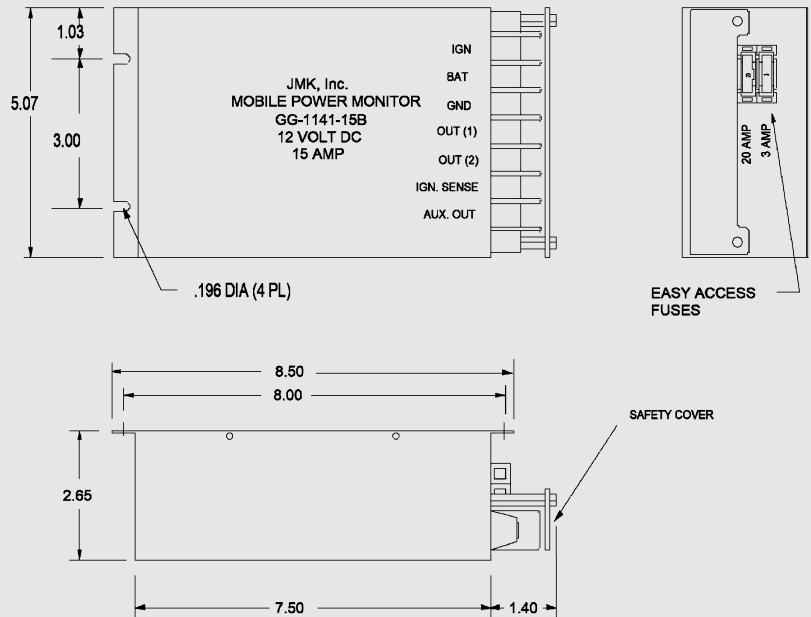




# GG-1141-15B

Operating voltage: 12 Vdc  
 Operating current: 15 amp.  
 Operating temperature: -40 c 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-1141-15B



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 a rugged device designed to meet MIL-STD-810.

The Conditioner performs the following:

- \* Eliminates High frequency RF noise
- \* Eliminates high voltage transients.
- \* Switches to battery backup if the system voltage is high or low.
- \* Automatically returns to system power
- \* Maintains backup battery at optimum charge
- \* Provides a steady, filtered ignition sense level.
- \* Painted with powdered epoxy paint for optimum corrosion protection.

BLOCK DIAGRAM  
JMK  
MOBILE POWER CONDITIONER

