



# Amerex Defense

PO Box 81 Trussville AL 35173-0081  
 PH (205)655-5703 • FAX (205)661-4111  
 defensesales@amerex-defense.com



## Backup Power Module (BPM) for Automatic Fire/Explosion Protection Systems

The Amerex Back-up Power Module is the latest model being installed in military tactical vehicles.

The BPM provides power back-up for the fire protection system during or after power failure, maintaining this essential life safety system operation.

In emergency situations of total power breakdown (no battery) the BPM provides the required power of about 150mA to the system for at least 2 minutes. (10 minute BPM also available)

The BPM includes a maintenance circuit breaker or toggle switch that disables the system on command for maintenance purposes.



### Main Features

- One (1) hour power supply after vehicle power shut-down (when connected directly to vehicle battery).
- Power back-up in emergency situations
- High Reliability
- MTBF Minimum 100,000 Hours
- Tested for Demanding Military Use

### Control Specifications

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| OPERATING VOLTAGE     | 18-32 VDC                             |
| POWER CONSUMPTION     | 500mA for 30 min<br>15mA after 30 min |
| CONNECTORS            | VARY BY PROGRAM REQUIREMENTS          |
| INPUT PROTECTION      | MIL-STD-1275A                         |
| EMI/RFI COMPATABILITY | MIL-STD-461E                          |
| ENVIRONMENTAL         | MIL-STD-810G                          |
| SHIPPING WT. (LBS.)   | 2 LB                                  |
| HEIGHT (IN.)          | 4.5                                   |
| WIDTH (IN.)           | 5.91                                  |
| DEPTH (IN.)           | 3.39 W/CIRCUIT BREAKER                |
| ENCLOSURE             | ALUMINUM                              |
| COATING               | WHITE ENAMEL                          |
| OPERATING TEMPERATURE | -60°F(-51°C) TO 160°F(71°C)           |

