Man Portable Tactical Power Supply

Lightweight Power Supply for Stationary or Mobility Applications

Highlights

- Multiple Power Sources AC/ or DC Battery or Vehicle Battery
- DC Voltage Output 24VDC/28VDC
- AC Input Over/Under Voltage Protection
- Operates in Extreme Temperature, Humidity, & Vibration
- Convection Cooled - No Moving Parts
- Weighs approximately 7.0 lbs
- Designed to Meet MIL-STD-810 & MIL-STD-461

This lightweight 200W power supply is capable of being powered from a universal shoreline (85-265VAC) or vehicle 12/24/28VDC battery / source. It can operate in a 50°C environment without fans and is rated as a IP-67 enclosure making it a very rugged design. The unit measures 10.738" L x 4.75" W x 4" H and weighs approximately 7 lbs.

Input Characteristics

18/36VDC Vehicle

- **Current:** 13.5A Maximum @ 18V
- **Isolation (In/Out):** 1.5k VDC
- **Connector:** MS3470W10-6P

18/36VDC Battery

- **Isolation (In/Out):** Bypass
- **Connector:** MS3470W10-6P

AC

- **Voltage:** 95VAC to 265VAC
- **Frequency:** 47-63Hz
- **Current:** 3.85A Maximum
- **Isolation (In/Out):** 3.5kVAC
- **Connector:** MS3470W10-6P
- Thermal Protection
- Power Factor Correction (0.95 min)

Output Characteristics

DC Power

- **Voltage:** 24VDC
- **Current:** <7.5A (210 Watts)
- **Line Regulation:** <60 mV
- **Ripple + Noise:** <150 mVp-p
- **Circuit Protection:** 15A Rocker Style
- Status Indicator

Applications

- C4ISR
- Chemical/Biological Detection
- Vehicle Electronics
- Border Security
- Mission Cases
- Electronic Warfare