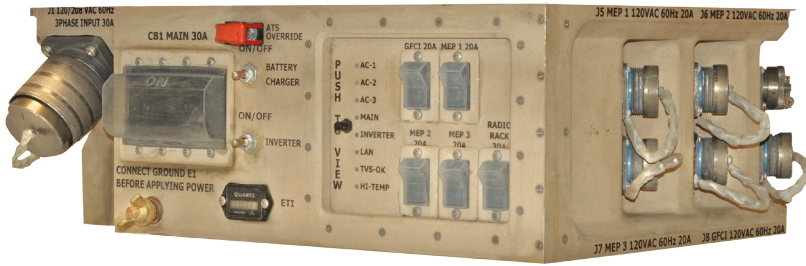


# Power Entry and Export Panel

## PEP Light



### Features & Benefits

- Battery Mode Switch
- Emergency Power Off Controlled
- Integrated Buss-Bar Technology
- Surge Protection On All Power Lines
- Wide Range Performance
- Rugged Construction
- AC & DC EMI Filters
- Low Voltage Disconnect
- Inverter power in < 17 seconds
- Remote control through LAN 10/100 TCP/IP, Telnet, SNMPv2

## Wide Operating Temperature I/O Power Interface AC & DC Shore and Onboard Power Distribution

The **Power Entry and Export Panel (PEP Light)** is a multifunctional AC power distribution unit designed for operation in tactical vehicles subjected to harsh environments. It is designed for Command Post Platforms and other derivatives to distribute onboard vehicle power as well as shore power. This ensures reliable power to critical communications and telemetry equipment with minimal downtime and optimal performance.

The **PEP Light** features 5 independently controlled AC outlets. Each input and output has a circuit breaker to protect the PEP Light and its associated loads. This unit can still communicate when the circuit breaker is in the tripped position.

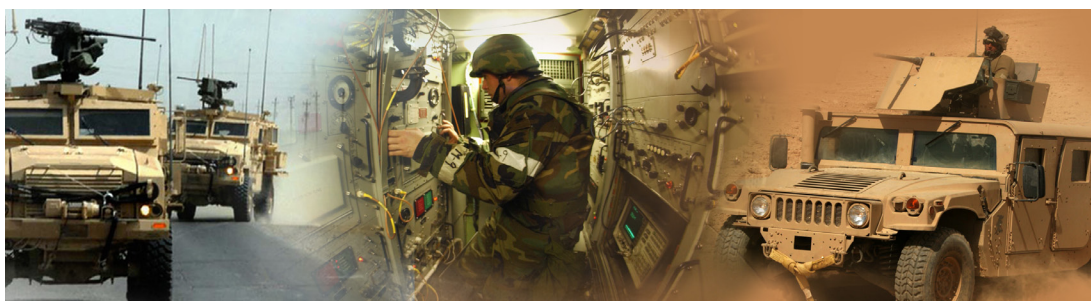
The **PEP Light** is capable of monitoring line voltage and total load current, as well as line frequency and internal temperature. Operation/control is accomplished by several communication schemes using a remote computing device such as a laptop

### Designed to Meet MIL-STD 810F Environment Standards

- Thermal Shock
- Salt Fog
- Blowing Sand
- Blowing Dust
- Fungus
- Shock
- Vibration
- Ground Bond
- Mechanical Shock
- MIL-STD-1686C ESD Control
- MIL-STD-461E EMC Compliance

### Ideal Applications

- Command Post Platforms
- Shore and Onboard Tactical Vehicle Power Distribution
- Defense Mobile Command Vehicles
- Unmanned Vehicles & Vessels
- Mobile Command Posts
- Communications & Telemetry Cases
- Towed Radar Platforms
- Towed Generator Platforms
- Transit Case for "MEP"



## Specifications

### 7200-A-126 | PEP Light

#### Power Input

- 208/120 VAC,  
3Ø WYE 60Hz, 30A

#### Power Output

- **Voltage:** (J2) - 28 VDC  
(J5, J6, J7, J8, J9) - 120 VAC, 1Ø
- **Frequency:** 60hz
- **Current:**  
(J2) - 10 Amps  
(J5, J6, J7, J8) - 20 Amps  
(J9) - 30 Amps
- **Battery Charger:**  
28 VDC @ 10A

#### Communications

- LAN 10/100 TCP/IP,  
Telnet, SNMP

#### Overload Circuit Protection

- (J1) 4-Pole 60A, UL489
- (J2) 3-Pole 100A, UL508
- (J3) 3-Pole 30A, UL489
- (J4) 3-Pole 25A, UL489
- (J5) 1-Pole 35A, UL489
- (J5) 1-Pole, 15A UL489

#### Physical

- **Operating Temperature:**  
-40°C to 60°C
- **Dimensions:**  
7.313" H x 20.5" W x 18.61" D
- **Weight:** 62 lbs

computer, desktop computer, or network operating center.

The **PEP Light** offers ideal I/O (Input/Output) power and features both +24/28 VDC to 200 Amps and 3 Phase AC to 60 Amp per Phase I/O distribution capability. The power panel also includes a 3 Phase 60 Amp pass through connector interface to support additional forward operating base requirements.

The **PEP Light** has been tested for environmental durability, Army required wide operating temperature, and MIL-STD 461E. The PEP is capable of performing in temperatures from -46°C to 60°C, and able to withstand shock, vibration, water exposure, high concentrations of sand, dust, salt fog, and all other factors laid out within the guidelines of Mil-STD 461E standards.

The **PEP Light** is a reliable fault protected power distribution system capable of preventing damage to critical mission sensitive data & communication hardware in the shelter or tactical vehicles.

To learn more about the **Power Entry and Export Panel (7200-A-126)**, or other products in the Spectrum Power military line, please contact a sales and support representative today.

