

PB3d / Intelligent Power Module



Features:

- Compatible w/ AN/PRC-148 (MBITR) and AN/PRC-152 (Falcon III) radio batteries.
- Uninterruptable power supply mode when connected to AC power or solar cell.
- Field interchangeable in any weather conditions.
- Trans-reflective LCD display provides high resolution charge condition in 1% increments.
- Serial control interface for remote runtime monitoring and battery configuration.

Power is a key component in every electronic system, and a major operational consideration in most environments. Availability and commonality of batteries, required system operating times, as well as size and weight present a variety of challenges for operators in the field. Wolf Pack system architecture has been optimized to address these challenges with a range of power options designed to easily connect to every system configuration using quick-release connectors.

Using AN/PRC-148 (MBITR) or AN/PRC-152 (Harris Falcon III) rechargeable radio batteries, the PB3d power supply has been designed to address the realities of many field operations. These rechargeable Li-Ion radio batteries provide extremely high power density leading to long PB3d operating times of up to 20 hours. As with all other components in the Wolf Pack system, the PB3d is fully interchangeable in any weather condition, including heavy rain.

Specifications:

EW-PB3d

Battery Cells Type Supported:

Li-Ion rechargeable AN/PRC-148 and AN/PRC-152

Operating time:

Up to 20 hours @21C (system configuration dependent)

Charge Display:

Trans-reflective LCD in 1% increments

Power Regulation:

15v DC constant (60w)

Environmental Rating:

IP68

Dimensions:

149mm x 90mm x 50mm

Weight:

835g (w/ Li-Ion cell) 475g (w/o Li-Ion cell)

Operating Temperature:

-40°C - +60°C (cell dependent)

Storage Temperature:

-40°C - +60°C

