

## RPA

### Radio Power Adaptor for AN/PRC-148 and AN/PRC-152 Charger Adaptors



**Uninterrupted power to dismounted soldier**  
**Allows hot swap of primary power source**  
**Provides power and data to end user device**  
**State of charge display**  
**Lightweight and rugged**



- Compatible with AN/PRC-148 MBITR and AN/PRC-152 Falcon Handheld Radios
- Provides direct power and data while connected to primary power source (CWB)
- SMBus to DQ data translation and slave communication to radio
- SMBus to USB data translation
- External fuel gauge display and full complement of Li-Ion safety features
- 37Wh of energy
- Designed to meet MIL-STD-810G and MIL-STD-461E



This RPA is the next generation of power management for dismounted soldier systems. The RPA replaces the standard handheld radio battery and connects directly to the Conformal Wearable Battery (CWB), extending mission times. The RPA provides power and data at all times including during the hot swap of the CWB, ensuring the warfighter remains connected to the network for the entire mission.

### General Specifications

Input Voltage Range	10 - 32 V
Output Voltage Range	7.5 - 12.6 V
Average Voltage	10.8 V
Nominal Capacity	3.4 Ah
Nominal Energy	37 WH
Weight	320 g
Operating Temperature	- 30°C to + 60°C
Storage Temperature	- 30°C to + 70°C
Connectors	Glenair #807-871-06ZNU6-6PY (Input from CWB) Glenair #807-874-01ZNU6-6SY (Output)
State of Charge Indicator	5-Segment LED with Push Button Activation

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All specifications are subject to change without notice

The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



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