



# RADIO POWER + DATA ADAPTERS

POWER RADIOS, EXTEND BATTERIES AND GATHER DATA, ANYWHERE, ANYTIME.

**GALVION RADIO POWER ADAPTER (RPA)** easily integrates with the most common handheld radios in use today. This adapter provides power to the main radio battery by connecting to a wearable power source. The Radio Power Adapter can easily support the AN/PRC-148 MBITR, Falcon III AN/PRC-152A, Falcon IV AN/PRC-163, and Persistent Systems MPU-5. RPA potentially reduces battery requirement with multiple radios, offering extended or shared power for diverse mission-based configurations.



## KEY FEATURES

- Extends battery use time
- Draws power from popular external batteries including Solopack™ & Solopack™ II
- Designed for easy attachment and integration to existing handheld radios
- Compatible with four of the most widely used radios in use today
- Compatible Batteries:
  - AN/PRC-148 MBITR
  - Falcon III AN/PRC-152A
  - Falcon IV AN/PRC-163
  - Persistent Systems MPU-5

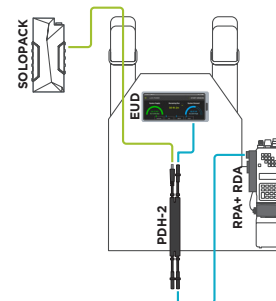


Bottom View

*The Radio Power Adapter (RPA) supports a wide range of military operations by integrating seamlessly with the most common handheld radios used today.*

## APPLICATIONS

- Soldier Systems
- Portable Field Equipment
- Soldier Carried Advanced Sensors and Optics
- Precision Navigation Equipment
- Health Monitoring and Medical Equipment



### Trickle Charge Mode

*The RPA is connected to the radio and battery. The port is connected to a centrally worn power source located on the user. The power source keeps the radio battery trickle charged.*

**PART NUMBER**

015-359

**TECHNICAL SPECIFICATIONS**

<b>DIMENSIONS</b>	L 2.7" (69mm) x W 1.5" (38mm) x H 2" (51mm)
<b>WEIGHT</b>	4.3oz (122g)
<b>POWER</b>	<b>POWER:</b> 65W <b>MAXIMUM CURRENT:</b> 5A <b>VOLTAGE:</b> 9V to 12.6V

**SPECIFICATIONS**

<b>OPERATING TEMPERATURE</b>	-22°F (-30°C) to 149°F (65°C)
<b>STORAGE TEMPERATURE</b>	-22°F (-30°C) to 158°F (70°C)
<b>WATER IMMERSION</b>	Waterproof at 3.28ft (1 meter) for 30 mins (as per MIL-STD-810G Method 512.5)
<b>INPUT CONNECTION</b>	NW 6 pin socket
<b>PROTECTION</b>	Overcurrent, Short Circuit, Over-temp, Over voltage
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>• Power radio without radio battery (eliminator)</li> <li>• Charge radio battery from external source (limited to 10W)</li> <li>• Very quiet conversion, no noise introduced to radio</li> <li>• Support transmission surge currents up to 10A for approx. 300µS</li> </ul>

**THE RDA** can be used in conjunction with the RPA to allow for the passage of power and data to the radio and end user device.

<b>PART NUMBER</b>	<b>COMPATIBLY</b>
015-360	This cable is designed to provide power and data connectivity between the PDH-2, RPA-148/152, and PRC-152 Radio
016-211/016-212	Designed to provide power and data for the PRC- 163

**RDA SPECIFICATIONS**

<b>DIMENSIONS</b>	42" standard length
<b>POWER</b>	9-17 VDC
<b>OPERATING TEMPERATURE</b>	-22°F (-30°C) to 149°F (65°C)
<b>STORAGE TEMPERATURE</b>	-22°F (-30°C) to 158°F (70°C)
<b>WATER IMMERSION</b>	Waterproof at 3.28ft (1 meter) for 30 mins (as per MIL-STD-810G Method 512.5)
<b>LOAD CONNECTION</b>	NW, Radio specific