

RADIO POWER ADAPTER [RPA]

CHARGE RADIOS & ELIMINATE BATTERIES, 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 and keeping it completely charged when the radio is disconnected from the worn architecture. 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. The RPA also reduces the number of radio batteries a user needs to carry.



KEY FEATURES

- Extends battery use time
- Reduces or eliminates the number of radio batteries a user needs to carry
- Draws power from popular external batteries including Solopack™ & Solopack™ II
- Designed for easy attachment and integration to existing handheld radios
- Compatible with three of the most widely used radios in use today
- Waterproof up to 1 meter for 30 minutes (as per MIL-STD-810 Method 512.6)
- Operating temperature of -22°F (-30°C) to 149°F (65°C)

APPLICATIONS

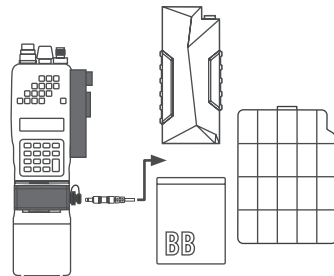
- Soldier systems
- Portable field equipment
- Special Forces forward-operation equipment



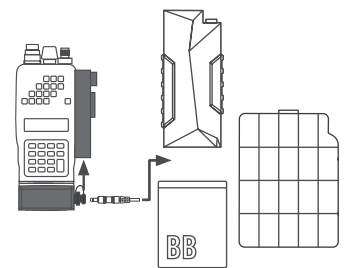
The Radio Power Adapter (RPA) supports a wide range of military operations by integrating seamlessly with the most common handheld radios used today.



Bottom View



Trickle Charge Mode



Battery Elimination Mode

PART NUMBER

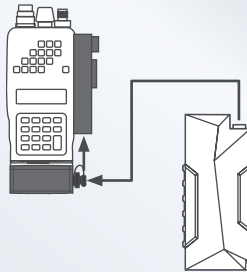
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TECHNICAL SPECIFICATIONS

DIMENSIONS	L 2.5" (64mm) x W 1.5" (38mm) x H 2" (51mm)
WEIGHT	4.3oz (122.9g)
POWER	POWER: 50W MAXIMUM CURRENT: 5A VOLTAGE: 10V to 20V

SPECIFICATIONS

OPERATING TEMPERATURE	-7.6°F (-22°C) to 140°F (60°C)
STORAGE TEMPERATURE	-22°F (-30°C) to 158°F (70°C)
WATER IMMERSION	Waterproof at 3.28ft (1 meter) for 30 mins (as per MIL-STD-810 Method 512.5)
LOAD CONNECTION	NW 6 pin socket
PROTECTION	Overcurrent, Short Circuit, Over-temp
COMMUNICATIONS	<ul style="list-style-type: none">• Power radio without radio battery (eliminator)• Charge radio battery from external source (limited to 10W)• Very quiet conversion, no noise introduced to radio• Support transmission surge currents up to 10A for approx. 300µS• Over voltage, over temperature, over current, short circuit, protection



RPA WITH RADIO DATA ADAPTER

The RPA can be used in conjunction with the RDA to allow for the passage of power and data to the radio and end user device. (Power will come through hub - not in this current configuration).