

MRC-UVA-V1

Universal Vehicle Adapter

Technical Datasheet

WE. ARE. *CRITICAL. POWER.™*



Overview

The MRC-UVA-V1 Universal Vehicle Adapter is the ultimate handheld radio docking and charging solution for vehicle communications. Now you can use the same handheld radio, mounted or dismounted. It is designed for “jerk-and-run” scenarios, and is compatible with widely fielded radios from Thales® and others.

The MRC-UVA-V1 can be used in tactical or non-standard vehicles to provide radio mounting and charging. As an added safety feature, the MRC-UVA-V1 monitors various parameters of the battery via the SMBus and DQ communication channel to assure safe battery charging.

Features

- Universal charging pocket supports 16 radios, including variants:
 - Thales® AN/PRC-148 MBITR
 - Thales® AN/PRC-148 JEM
 - AN/PRC-152 and all variants
 - Harris® AN/PRC-163
 - Army Leader Radios from Thales® & Harris®
- Advanced microprocessor
- External software updating
- Advanced SMBus + DQ communication
- Supports simultaneous two channel radio operation + charging

Technical Specifications

Part No.	MRC-UVA-V1
NSN	5895-66-167-4927
Size H x W x D (inches)	4.88 x 6.37 x 3.63
Weight	2.5 lbs (without radio)
Input Voltage	10-40 VDC (12V / 24V vehicle compatible) (150 W max)
Output Voltage	12.5V @ 8.5A
Charge Current	3A
Reliability	>15,000 hours (MIL-HDBK-217F)
Operating Temperature	-30°C to +49°C
DC Input Connector	15' power cable with flying leads included
Switch	Front panel, momentary push button
Indicators	Power/Charge Status, NVIS Compatible
Finish	Black, Hard Coat, Anodize
Qualifications	• MIL-STD-1275 (Military Vehicle DC Power) • MIL-STD-810 (Environmental) - Altitude - Temperature - Humidity - Salt Fog - Sand & Dust - Shock - Vibration - Crash Safety - Blowing Rain • MIL-STD-461 (EMI, EMC) - CS101 - CS114 - CS115 - CS116 - CE102



Radio not included

MRC-UVA-V1
Virginia Beach, Virginia