

POWER ADAPTER, SINGLE RADIO, 24V (MRC-93)



TAMCN: H7706

ID: 11119A

NSN: 6130-01-520-8178

Functional Description

The Single Radio Power Adapter, 24V, also known as the MRC-93, is an alternative power source that connects directly to 24V radio transceivers in place of the battery box. The MRC-93 operates off of AC or DC voltages. Any BA-XX90 or BB-XX90 equivalent battery can be inserted into the MRC-93 providing a UPS capability. The MRC-93 will not charge batteries.

Technical Description

Power Adapter

Manufacturer: McDowell Research
 Model: MRC-93

Power

Input: 11-36 VDC
 95-270 VAC

Output: 24 VDC

Frequency (Hz): 47-440

Warranty

4 Years

Dimensions

Length (in): 9.1
 Width (in): 2.9
 Height (in): 6.4
 Weight (lbs): W/O Battery 4.8
 Volume (ft³): 0.09

Temperatures

Operating: -58°F to +131°F
 Storage: -58°F to +149°F

Altitude

Operating: 27,000 FT
 Storage: 55,000 FT

NOTES: The MRC-93 connects directly to the following equipment in place of the battery box: AN/PRC-117F, AN/PRC-113, AN/PRC-150, AN/PSC-5.