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L3HARRIS 12041-2400-0X

Tactical Radio Battery

GENERAL	
RT Nomenclature	12041-2400-0X
Compatibility	RF-7850S, RF-7850M, AN/PRC-152A, RF-7800V
Charging Voltage	10.8 – 12.7 V
Charging Current	3.5 A
Output Voltage	7.2 – 12.7 V Operating 10.8 V Nominal
Output Current	4.0 A
Battery Capacity	7.0 Ahr

PHYSICAL	
Dimensions (H x W x D)	3.37 in X 2.76 in X 1.61 in (85 mm X 70 mm X 41 mm)
Weight	14.1 OZ (400 g)
Color/Finish	12041-2400-01 – Black 12041-2400-02 – Green 12041-2400-03 – Tan

ENVIRONMENTAL	
Shock	MIL-STD-810G, Test Method 516.6, Procedure I
Vibration	MIL-STD-810G, Test Method 514.6, Procedure I, Category 20
Drop	MIL-STD-810G, Test Method 516.6, Procedure IV
Immersion	20 m (with cap installed or connected to radio) MIL-STD-810G, Test Method 512.5, Procedure I
Temperature: Storage	MIL-STD-810G, Test Method 501.5, Procedure I MIL-STD-810G, Test Method 502.5, Procedure I
Temperature: Operation	MIL-STD-810G, Test Method 501.5, Procedure II MIL-STD-810G, Test Method 502.5, Procedure II
Thermal Shock	MIL-STD-810G, Test Method 503.5, Procedure I
Sand/Dust	MIL-STD-810G, Test Method 510.5, Procedure I & II
Humidity	MIL-STD-810G, Test Method 507.5, Procedure II
EMI/RFI	MIL-STD-461F, RE102 & RS103 MIL-STD-461F, CS114, CS115 & CS116 MIL-STD-461F, CE102 & CS101
Altitude: Storage	MIL-STD-810G, Test Method 500.5, Procedure I
Altitude: Operating	MIL-STD-810G, Test Method 500.5, Procedure II
Altitude: Rapid Decompression	MIL-STD-810G, Test Method 500.5, Procedure III
Chemical Resistance	MIL-STD-810G, Test Method 504.1, Procedure I
Solar Radiation	MIL-STD-810G, Test Method 505.5, Procedure I, Climate Category A1
Rain	MIL-STD-810G, Test Method 506.5, Procedure I
Fungus	MIL-STD-810G, Test Method 508.6
Salt-Fog	MIL-STD-810G, Test Method 509.5
Loose Cargo	MIL-STD-810G, Test Method 514.6, Procedure II, Category 5



The 12041-2400-0X is the industry's standard battery for use with L3Harris tactical radios. Engineered for extending mission life, this solution features a 7.0 Ahr capacity—the highest of all batteries in the 12041-2000 series. A secure radio connection is ensured with a key that locks the 12041-2400-0X in place.

INTERFACES

AC Input

DC Input

Auxiliary

LED Indicators

L3Harris 12041-2400-0X Tactical Radio Battery for Handheld Radios

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