



**L3HARRIS™**  
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# L3HARRIS 12500-2500-0X

## Smart Battery for Handheld Radios

GENERAL	
RT Nomenclature	12500-2500-0X
Compatibility	RF-7850S, RF-7850M, AN/PRC-152A, AN/PRC-163, RF-7800V
Charging Voltage	12.7 V
Output Voltage	7.2 - 12.7 V Operating
Battery Capacity	7 Ah
Maximum Discharge	8.5 A continuous
Total Power	72 Wh

PHYSICAL	
Dimensions (H x W x D)	3.37 x 2.76 x 1.61 in (8.5 x 7.0 x 4.1 cm)
Weight	14.3 oz (405 g)
Color/Finish	12500-2500-01 Black, 12500-2500-02 Green 12500-2500-03 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 12500-2500-0X features SMBus connectivity, providing more accurate battery status and calibration information with other devices including chargers, analyzers and vehicular adapters. The Smart Battery for Handheld Radios also features a non-light-emitting LED display, giving users a quick indication of remaining power without having to put it on an analyzer or charger. The 12500-2500-0X is compatible with Falcon III® radios and is engineered to meet the high-power demands of L3Harris dual-channel handhelds.

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