

# OCE-152 BATTERY

## BATTERIES FOR MILITARY RADIOS

STRATEGIC DEFENSE PRODUCT, THE OCE-152 IS A RECHARGEABLE LI-ION BATTERY FOR HANDHELD MILITARY COMMUNICATION RADIOS, IDEAL FOR USE IN HOSTILE ENVIRONMENTS AND CRITICAL MISSIONS.







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The **OCE-152 Battery** is a Strategic Defense Product, designed to be robust and highly reliable, operating efficiently over a wide temperature range. This battery is composed of lithium-ion cells, ensuring efficient recharging. Additionally, it is Form, Fit, and Function (FFF) compatible with a variety of radios, including the PRC-152, PRC-163, RF-7850S, RF-7850M, and RF-7800V models, making it extremely versatile for different applications.

The battery incorporates various safety features to ensure reliable and long-lasting performance. These features include deep discharge protection, which prevents premature battery degradation, and overcharge, overcurrent, and short-circuit protection, which prevent damage caused by adverse electrical conditions. Furthermore, the **OCE-152** has protection against out-of-operating-region temperatures and improper connection, ensuring the battery operates safely and efficiently under various conditions.

Manufactured in accordance with stringent international standards such as UN-38.3, MIL-STD-461G, MIL-STD-810G, and UL-1642 (for cells), the **OCE-152** meets the highest quality and safety standards. These certifications ensure that the battery can withstand extreme conditions and meet the demanding requirements of defense operations.

The **OCE-152 Battery** is a reliable and efficient choice for those needing a robust and durable power source, capable of operating in challenging environments and meeting a wide range of operational needs.





# SPECIFICATIONS

## OCE-152 BATTERY

### GENERAL SPECIFICATIONS

Battery life on mission	Up to 26 continuous hours
Rádios compatíveis	PRC-152, PRC-163, RF-7850S, RF-7850M and RF-7800V

### ELECTRICAL CHARACTERISTICS

Capacity (typical)	7.0 Ah
Energy	75 Wh
Maximum voltage	12.7 V
Nominal voltage	10.8 V
Minimum voltage	7.2 V
Maximum discharge current (continuous)	8.5 A
Life cycle	Up to 400 cycles at 100% DoD

### ENVIRONMENTAL CHARACTERISTICS

Charging temperature	0°C to +45 °C
Discharge temperature	-20 °C to +60 °C
Storage temperature	-20 °C to +60 °C
Humidity	0 to 95%
Protection grade	P68

### MECHANICAL CHARACTERISTICS

Dimensions (H × W × D)	95 mm × 71 mm × 41 mm
Weight	450 g
Color	Customizable

### STANDARDS MET

UN-38.3
MIL-STD-461G
MIL-STD-810G
UL-1642 (for cells)

### SAFETY

The OCE-152 Battery has various protections to ensure its safe and long-lasting performance, including protection against deep discharge, overcharge, overcurrent, short circuit, out-of-operating-region temperature, and improper connection, making it a reliable choice for critical applications and challenging environments.



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