



XFC
POWER
SYSTEMS

Two-Way portable radios Battery Pack

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XFC Battery Pack

Extremely Fast Charging battery pack charges in less than 10 minutes. From fully discharged to fully charged (0% SOC to 100% SOC), this is at least 24 times faster than existing solutions taking 4 hours to charge. Two minutes charge time delivers three hours runtime.

Unmatched uptime of higher than 98%: Allows the radio to be used more than 98% of its time for critical missions, when existing solutions permits only 70% of its time, the remaining time is used for charging the battery.

Long Cycle Life, best ROI: More than 2000 cycles, this is at least 4 times longer than existing solutions with 500 cycles.

Designed to power Motorola Radio APX6000, APX7000 and APX8000



XFC Battery Pack Specifications

System Function: The battery pack voltage from 7.2V to 9.4VDC, powering the radio.

Charge Time: < 10 minutes from 0% to 100% SOC (10-hour runtime). 2 minutes charge = three hours runtime. Radio not powered when the charger is connected.

Cycle Life: Higher than 2000 cycles.

Battery Cells: Lithium Iron Phosphate (LFP), the safest of the lithium chemistry.

Energy: 12 Wh, 1.2 Ah. 11 hours runtime in standby mode when fully charged.

Safety features: All voltages and current protections built-in battery pack BMS. Short Circuit protection, self recovery.

Over Temperature protection, charging not allowed when temperature is too high.

Operational Range -30°C to +60°C

SOC Indication: For charge and discharge, with momentary push-button.

Connector: DC Input (battery charger side): 30 Amps XT.

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