



Two-Way portable radios DC Charger

Patent US 11,784,508 B1 Oct. 10, 2023

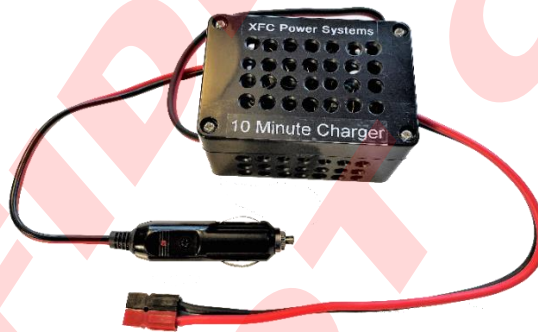
XFC DC Charger

Charges the radio battery pack 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 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.

Recharge your radio battery when in your car, truck, any vehicle. The large DC input voltage range (12 VDC to 30 VDC), 15 Amps allows the Extremely Fast DC charger connected to the cigarette lighter of any vehicle to fully charge your fully depleted battery in less than 10 minutes.

XFC DC Charger



XFC DC Charger Specifications

Safety features:

- All voltages and current protections built-in battery pack BMS.
- Maximum Temperature protection built-in the charger: maximum ambient full charge: 35°C, maximum temperature protection 50°C

Charge Algorithm:

- Constant Current, Constant Voltage (CCCV), max current 10 Amps.

Small Size:

- Can be easily carried: HWL: 2" x 2.6" x 4", weight: 0.5 lb.

Connectors:

- DC input: 12VDC to 30VDC, Cigarette Lighter with a 15 Amps fuse.
- DC Output (battery side): 7.2 to 9.4VDC, 20 Amps Anderson.

Contact: Mickey Rooney

Email: mrooney@xfcpower.com

Tel: 301-606-5000

Website: xfcpower.com

XFC DC Charger datasheet v13

Content subject to change without notice

