

UltraCell®

HIGH POWER MICRO FUEL CELLS

XX25



POWER READY TO DEPLOY

There is a light weight, long duration power solution for military and intelligence operations. Ultracell's XX25 high power, reformed methanol micro-fuel cell provides a long term power solution for mobile Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) equipment. Compared to large cumbersome batteries, the XX25 does not require charging and can provide uninterrupted power to electronic systems for hours, days or weeks.

The XX25 can provide uninterrupted power for a 72 hour mission with a total weight of 8.8 lbs compared to 27 lbs with batteries. Additionally, intelligence, surveillance and reconnaissance sensors can operate for weeks without interruption. The XX25 has been designed around demanding environments such as jungle, desert, and the arctic. The XX25 is rugged, quiet and Night Vision compatible.

The XX25's small weight and size combined with it's long term power capability propels mission effectiveness. For military and intelligence operations anytime and anywhere in the world, Ultracell's XX25 micro fuel cell is the solution for mission success.



THE SUPERIOR MILITARY POWER SOURCE



FEATURES AND BENEFITS

- Light weight, long duration power solution
- 70% weight savings for a 72 hour mission compared to batteries
- Hot Swappable fuel cartridges for an uninterrupted power supply
- Operates in any physical orientation
- Immediate power available
- Operations in desert, arctic and jungle environments
- Night Vision Compatible

XX25 SYSTEM SPECIFICATIONS

SYSTEM PERFORMANCE

POWER	0 to 25 Watts (up to 600 Wh/day)
MAXIMUM POWER	25 Watts (2.1A at 12V)
VOLTAGE	12V to 30V (Depending on application)
STARTUP	< 2 minutes
OPERATES IN ANY ORIENTATION	

PHYSICAL

DIMENSIONS (INCLUDING FUEL CARTRIDGE)	5.9" x 9.1" x 1.7" (15cm x 23cm x 4.3cm)
WEIGHT	2.7 lbs (1.23 kg)
COLOR	Sand

ENVIRONMENTAL

OPERATING TEMPERATURE	-4°F to 104°F (-20°C to +40°C)
HUMIDITY	0% to 95%

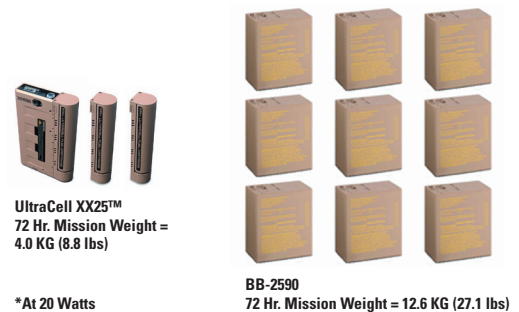
USER INTERFACE

MEMBRANE SWITCH	On/Off
NVG COMPATIBLE LCD DISPLAY	Displays Fuel Gauge, Power Output, Runtime, Errors
CONNECTOR	Standard military connectors

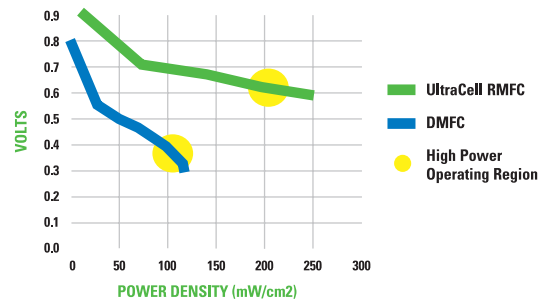
FUEL CARTRIDGE

CAPACITY	180 Whr, 15 Ah (at 12V)
DURATION PER CARTRIDGE	9 hours at 20 Watts
WEIGHT (FULL)	12.1 oz (345 grams)
WEIGHT (EMPTY)	4.6 oz (131 grams)

72 HOUR MISSION WEIGHT*



MORE POWER



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