

EXTENDED RUNTIME FUEL OPTIONS

CONTINUOUS POWER FOR LONGER OPERATION

When running out of power is not an option, the UltraCell extended runtime power solution is the answer. Whether you're powering a laptop, a satcom terminal, or a military radio, the ability to have assured power for an extended period of time is critical.

UltraCell fuel cells provide uninterrupted power for extended periods, at an average 70% weight savings over a typical 72-hour mission. And, the fuel cartridges and tanks actually get lighter as they are used, reducing soldier strain as the mission progresses.

Together UltraCell fuel cells and new extended run-time fuel tanks now enable extended unattended runtime operation. This enables critical sensors or video surveillance systems to run for weeks or months at a time with a power supply with fuel source package that is easily transportable by a single person. This give capability previously unavailable with traditional battery technology and at a minimum of the weight.



FEATURES AND BENEFITS

- ❖ More easily recyclable than current battery technology
- ❖ Quiet operation: Provides advantages over traditional generators
- ❖ Lightens transportation loads: 70% or more weight savings possible
- ❖ Enables weeks or even months of continuous runtime operation in the field
- ❖ Round-the-clock availability: Compatible with MIL-SPEC night vision equipment
- ❖ Extended runtime: Hot swappable cartridges, optional external fuel tanks available
- ❖ Can be used indoors or outdoors: Emissions meet OSHA standards for indoor and in-vehicle use
- ❖ Cartridges and Wearable Power Fuel Sources are available to extend missions while lightening the load

EXTENDED RUNTIME FUEL OPTIONS

250cc CARTRIDGE

CONTINUOUS RUNTIME	9 hours at 20 Watts
WEIGHT (FULL)	0.76lb (345g)
WEIGHT (EMPTY)	4.6 oz (130g)
ENERGY CAPACITY*	180Whr or 15Ah @ 12v
DIMENSIONS	9.00" x 1.85" x 1.95" (22.50cm x 4.63cm x 4.88cm),
LCD DISPLAY	MIL Spec NVB compatible, displays remaining power
COLOR	Sand or Black



XRT-75 WEARABLE FUEL SOURCE

CONTINUOUS RUNTIME	2 days (45 hours) at 20 Watts
WEIGHT (FULL)	2.64lb (1.2kg)
WEIGHT (EMPTY)	7.0 oz (198g)
ENERGY CAPACITY*	900Whr or 75Ah @ 12v
DIMENSIONS	10.50" x 7.00" x 1.50" (26.25cm x 17.50 x 3.75cm)
LCD DISPLAY	MIL Spec NVB compatible, displays remaining power
COLOR	Black



XRT-200 MEDIUM FUEL TANK

CONTINUOUS RUNTIME	5 days (120 hours) at 20 Watts
WEIGHT (FULL)	7.96lb (3.6kg)
WEIGHT (EMPTY)	1.1 lb (460g)
ENERGY CAPACITY*	2,500Whr or 208Ah @ 12v
DIMENSIONS	12.25" x 5.75" x 5.75" (30.63cm x 14.38cm x 14.38cm)
LCD DISPLAY	MIL Spec NVB compatible, displays remaining power
COLOR	Black



XRT-1000 LARGE FUEL TANK

CONTINUOUS RUNTIME	25 days (600 hours) at 20 Watts
WEIGHT (FULL)	40lb (18kg)
WEIGHT (EMPTY)	2.4 lb (1100g)
ENERGY CAPACITY*	12,500Whr or 1040Ah @ 12v
DIMENSIONS	18.00" x 9.50" x 10.00" (45.00cm x 23.75cm x 25.00cm)
LCD DISPLAY	MIL Spec NVB compatible, displays remaining power
COLOR	Black



*Energy capacity shown for XX25; 10% higher for XX55

ENVIRONMENTAL REQUIREMENTS

OPERATING TEMPERATURE RANGE	-4°F to +122°F (-20°C to +50°C)
STARTUP TEMPERATURE	Minimum -4°F (-20°C)
STORAGE TEMPERATURE	-4°F to +140°F (-20°C to +60°C)
OPERATING ALTITUDE	0 to 6000' (0 to 1828m)
HUMIDITY	0% to 95% (MIL-STD-810F)
MIL-STD-810F TESTS PASSED	Humidity, Temperature Cycling, Solar Radiation, Dust, Vibration, Functional Shock, Acidic Atmosphere, Ice & Freezing Rain
TECHNOLOGY READINESS LEVEL	TRL 7

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XRT FUEL TANK ADAPTER

UltraCell fuel tank interconnect slides into UltraCell XX25 and provides fuel line connection to fuel tank via quick connect nozzle.

Specifications:

Weight 1 lb (453g)
Fuel line length 18" (45.72 cm)
Part No AC011000



Fuel Cell Pouches

MOLLE compatible fuel cell pouch for all fuel cells

Specifications:

Color Military sand
Part No (XX25) AC941006
Part No (XX55) AC941007



MEDIUM CARRYING CASE

MOLLE compatible carry case provides housing for XRT-200 fuel tank.

Specifications:

Color Military sand or Black
Part No (Military sand) AC941008
Part No (Black) AC941009



LARGE CARRYING CASE

MOLLE compatible carry case provides housing for XRT-1000 fuel tank.

Specifications:

Color Military sand or Black
Part No (Military sand) AC941010
Part No (Black) AC941011



EXTENDED RUNTIME FUEL OPTIONS

25 Days @ 20 Watts



128 lbs

**Qty 60 BA-5590
Batteries**



42 lbs

**Qty 1 XX25 Fuel Cell with 1
Five Gallon Fuel Tank**

UltraCell®

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