



ADVENT

Technologies, LLC

Honey Badger™ & UltraCell™ Fuel Cells

MADE IN THE USA

XRT-600 FUEL OPTION

PN: AC611005

3-GAL 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

- ❖ UltraCell Reformed Methanol Fuel Cell (RMFC) technology does not contain materials which are damaged at temperature extremes
- ❖ Only UltraCell's unique RMFC chemistry allows for a single fuel mixture which operates from -30 to +50C unlike other technologies which require desert and winter fuel mixtures
- ❖ Only UltraCell fuel cells can be stored in OFF mode between -30 to +80C without artificial heating unlike other technologies which require complex heating kits for storage below 0C
- ❖ Only UltraCell fuel cells can startup from a -20C cold soak without additional thermal kits
- ❖ 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



XRT-600 SPECIFICATIONS

XRT-600 3-GAL FUEL TANK

CONTINUOUS RUNTIME	360hr at 25W, 180hr at 50W
WEIGHT (FULL)	25.3lb (11.5kg)
WEIGHT (NET)	22.3lb (10.1kg)
ENERGY CAPACITY	9,000Whr or 750Ah @ 12v
DIMENSIONS	9.5" x 9.5" x 13.0" (24.1cm x 24.1cm x 33.0cm)
COLOR	Black
Part No.	Full: AC6511005 Empty: AC6511005-E

ENVIRONMENTAL REQUIREMENTS

OPERATING TEMPERATURE RANGE	-22°F to +122°F (-30°C to +50°C)
STARTUP TEMPERATURE	Minimum -4°F (-20°C)
STORAGE TEMPERATURE	-22°F to +176°F (-30°C to +80°C)
HUMIDITY	0% to 95% (MIL-STD-810F)



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