



BLADE 50W

50W Reformed Methanol Fuel Cell



Features

- The BLADE 50W Reformed Methanol Fuel Cell is the industry's newest ultra compact and highly portable fuel cell designed to meet the rugged off-grid power needs of the performance-demanding military and commercial users.
- Powered by ultraclean, biodegradable methanol, providing quiet, nearly emissions free operation.
- Delivers 50 Watts of continuous power and up to 80 Watts of peak power.
- Includes an internal Li-80 battery and a internal XRT-75 fuel tank (BTP-70903-3).
- Run continuously off grid with a single hot swappable fuel tank.
- Convenient form factor is optimized for unattended operation and makes it easy for transportation, while its long life means that no servicing trips are needed for highly remote or cover surveillance applications.
- Ideal for a wide variety of higher-power electronic applications including radio and satellite communications gear, remote or mobile surveillance systems, and laptop computers and battery charging.

Related Products

BTP-70908-X (Methanol Tank, Various Sizes)

Technical Specifications

National Stock Number	Pending
BT Part Number	BTP-70905
Dimensions	Length: 15.4 in (392 mm) Width: 10.3 in (262 mm) Height: 7.6 in (194 mm)
Weight	11.5 Lbs (5.2 Kg) with battery and without fuel cartridge
Output Voltage	16.8V or 10V-28V Specified at time of order
Output Power	50W average (30 hour run time @ 40W with internal XRT-75), 80W peak
Operating Temperature	-30°C to +50°C (-22°F to +122°F)
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Connector	Military Spec NVG compatible display optional
Material/Color	Polypropylene/Olive Drab
Display	LCD Display, MIL Spec NVG Compatible, Displays remaining runtime and fuel level
Disposal	Check local regulations (Contains 0% Mercury or Cadmium)



Bren-Tronics is a distinguished USA manufacturer to the US military of multiple government and commercial products. We continue to innovate with design and production of advanced rechargeable batteries and chargers. For a complete description of our products refer to Bren-Tronics website at: <http://www.bren-tronics.com>



Data presented in this document is subject to change without notice.

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