

**XX55**

**Reformed Methanol Fuel Cell**



**Features**

- The XX55 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 85 Watts of peak power with battery
- Run continuously off grid for up to two weeks with a single hot swappable fuel tank
- Industry leading performance (operates at high altitude and cold temperatures)
- Unique clip-on and clip-off battery module design enables the use of a wide range of off-the-shelf batteries
- 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
- Powers different devices at different voltages with application specific cables
- Only brand of fuel cells that can start up from -20°C without additional thermal kits

**Related Products**

- BTP-70922 (Click-it Refiller)
- BTP-70829-3 (Mobile Interface for Fuel Cell, 90uM)
- BTP-70829-x (Application Specific Cables, Various)
- BTP-70908-X (Methanol Tank, Various Sizes)
- BTK-70951-xx (Backpack Solution Kit, Various)

**Technical Specifications**

<b>National Stock Number</b>	Pending
<b>BT Part Number</b>	BTP-70829
<b>Dimensions</b>	<b>Without Battery Pack</b> <b>Length:</b> 10.7 in (272 mm) <b>Width:</b> 8.1 in (206 mm) <b>Height:</b> 3.9 in (99 mm)
<b>Weight</b>	6.6 Lbs (3.0 Kg) without battery or cartridge
<b>Output Voltage</b>	12-33V Specified at time of order
<b>Output Power</b>	50W average (11 hour run time w/550cc Cartridge), 85W peak with battery module
<b>Operating Temperature</b>	-20°C to +50°C (-4°F to +122°F)
<b>Storage Temperature</b>	-40°C to +60°C (-40°F to +140°F)
<b>Connector</b>	6-Pin Glenair Mighty Mouse, Application specific cables available
<b>System Communication Protocol</b>	SMBus, USB (x2), and battery recharge sleep modes
<b>Material/Color</b>	ABS/Tan
<b>Display</b>	LCD Display, MIL Spec NVG Compatible, Displays remaining runtime and fuel level
<b>Disposal</b>	Check local regulations (Contains 0% Mercury or Cadmium)

Bren-Tronics is an advanced designer and manufacturer of primary and rechargeable batteries, chargers and complete energy storage systems from watt hours to megawatt hours.

For a complete description of our products refer to Bren-Tronics website at: <http://www.bren-tronics.com>



**HEADQUARTERS**

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