

# MF-UTH

## Fuel Cell Technology

Fuel Cell is synonymous with clean energy and economic energy solutions. Fuel Cell provides product life longevity, zero GHG emissions and high environment flexibility. Lower your cost and contribute to saving our environment with Fuel Cell Technology today!



**M-FIELD****UTH-1020**

The MF-UTH series is a Fuel Cell based on a uninterruptible power supply system (UPS). The MF-UTH series ranges from 1 kVA to 10 kVA providing various output preferences. AC and DC outputs are both available. For telecom base station applications, the MF-UTH series is equipped with dual output. AC output for building facilities such as lighting and air-conditioners, and DC output for sensitive communication equipment.

## MF-UTH Series Specifications

<b>Product Description</b>	Uninterruptible Power Supply
<b>Power Output (Customized)</b>	1~10 kVA
<b>Input Voltage</b>	220 VAC, 60Hz (Can be customized)
<b>Output Voltage</b>	-48 VDC / 220 VAC 60Hz (Can be customized)
<b>Fuel Purity</b>	Hydrogen, (>99.95%)
<b>Fuel Pressure</b>	550 ~ 830 kPa (80~120 psig)
<b>Ethernet Data Collection</b>	Available
<b>Language</b>	Chinese / English
<b>System Start-up time</b>	0 sec.
<b>Peak Efficiency</b>	50%
<b>Ambient Temperature Range</b>	-40~50°C

<b>Location</b>	Indoor (Outdoor Design is also available)
<b>Application</b>	Telecom Base Station, Data Center, RTR sites, RCLR Site, RCAG Site, Bank, and etc.

## MF-UTH-1020 Special Figures

<b>Power Output (Maximum)</b>	10 kVA (DC 5kVA & AC 5kVA)
<b>Dimensions</b>	129 x 60 x 162 cm (51 x 24 x 64 in)
<b>Cooling System</b>	Air Cooling
<b>Hydrogen Consumption</b>	752 Liter / kWh
<b>Noise</b>	< 60 dB

**M-FIELD**[www.m-field.com.tw](http://www.m-field.com.tw)

Equipped with SMR system, the MF-UTH series is easy to install and operate. The MF-UTH series consumes hydrogen as fuel and the only byproduct is pure water. Unlike conventional diesel generators, the MF-UTH series Fuel Cell System is without vibration, noise and smoke. It can be installed in various locations, both indoor and outdoor. With enough fuel supply, the MF-UTH series Fuel Cell System can provide longer back-up time, providing your equipment and facility safer power supply whilst, avoiding unnecessary damages caused by unstable grid electricity.



**M-FIELD**  
Eco-conscious alternative

**M-FIELD ENERGY LTD.**  
3F-2, No.35, Sec.2, Fusing S. Rd.,  
Taipei 10665, Taiwan, R.O.C.  
T/ 886-2-2702 2482 F/ 886-2-2754 8147