



HYDROGEN  
FOR A GREEN PLANET

# Fuel Cells Power Generator

1kW - 20kW / 12V-24V/DC / 230volt /3X400V/AC/50Hz

Zero emissions & noiseless generators

## FUEL CELLS SYSTEM



## UPS & TELECOM RECTIFIER SYSTEM

### TECHNICAL SPECIFICATIONS

**PEM-FUEL CELLS SYSTEM : TR-B-1-20-kW**

**OUTPUT : 1kW - 20kW**

**AC-OUTPUT : 230 V / 3X400V / AC / 50Hz**

**DC-OUTPUT : 12V or 24V/DC**

**FUEL : Compressed Hydrogen 99.99%**

**OXIDANT : Ambient Air**

**COOLING SYSTEM : Water**

**DIMENSIONS (mm): L:600 x W:600 x H:650-2000**

## APPLICATIONS



TROPICAL S.A. is presenting the new fuel cells system with electric power 1-20 kW with Proton Exchange Membrane (PEM) technology. The membrane on the fuel cell stack is converting hydrogen into electric power as well as providing heat and the only "pollutant" is clean water. The power generator produce high quality electric power AC-230V/3x400v/50Hz & DC/12V or 24V. Because it is noiseless, has small size, produces zero-emissions and being reliable it can be ideally used as an Uninterruptable Power System (UPS), back-up power system and as a stand alone power generator providing electricity to our homes or to the industry. These Environmental Friendly and zero emissions power generators can be perfectly suit to Homes, Telecommunication Companies, Public and Private owned offices, Hotels, Golf courts, Recreational resorts, Airports, Rail stations, Hospitals, Universities, Research Institutes, Banks, Special Vehicles, Pharmaceutical Organizations, Meteostations, Seismographs, Boats, UAV, Army, Navy & Air Force Bases etc.



Tropical S.A. Tel: +30 - 210 5785455  
98 Kifissou Aven. Fax: +30 - 210 5785457  
121 32, Peristeri info@tropical.gr  
Athens, Greece ww w.tropical.gr

