ENERGYOR TECHNOLOGIES INC. FUEL CELL SYSTEMS

Your UAV Fuel Cell Experts

EDAQ

Fuel Cell Data Acquisition & Diagnostic System

EnergyOr Technologies Inc.

EnergyOr Technologies Inc. is a fuel cell systems company with a strategy to focus on premium niche markets where our state-of-the-art fuel cell technology can be applied.

Our objective is to provide customers with simple to use, "turn-key" fuel cell systems. From engineering analysis and detailed component design, to systems integration and qualification testing, we strive for excellence at each and every stage.

We produce lightweight and compact PEM fuel cell systems suitable for many premium markets including, but not limited to, unmanned aerial vehicles (UAVs), auxiliary power units (APUs) and custom system configurations.

The EDAQ is a portable, lightweight data acquisition system developed specifically for fuel cell applications and is especially suited for our EPOD and EPAC line of fuel cell products.

EnergyOr Data AcQuisition System

EnergyOr Technologies has developed the EDAQ portable data acquisition & diagnostic system which is specifically designed to measure fuel cell system parameters and directly interfaces to EnergyOr's rugged line of unmanned aerial vehicle (UAV) and auxiliary power unit (APU) fuel cell systems.

EDAQ System Features

- Data logging
  - Cell voltage (pairs), stack voltage, bus voltage, bus current, bus power, stack temperature, etc.
  - Up to 5 samples/sec
- Fault detection
  - Low cell voltage, high temperature, high current, etc.
- Intuitive graphical user interface (GUI)
- Rugged, compact and lightweight design
- Stand-alone operation (integrated battery power supply)
- Simple user interface: Plug & Play
- Reliable circular connector that meets UL and CSA standards
- High current bus cabling

Other Product Configurations

Depending on your data acquisition & diagnostic requirements, EnergyOr Technologies can provide a custom configuration to meet your specific needs. Our EDAQ systems are highly configurable due to their modular design and can be quickly adapted. Options include various system and packaging layouts; additional temperature, voltage and current inputs; DC and AC power supply options; electrical power and bus connections, etc.

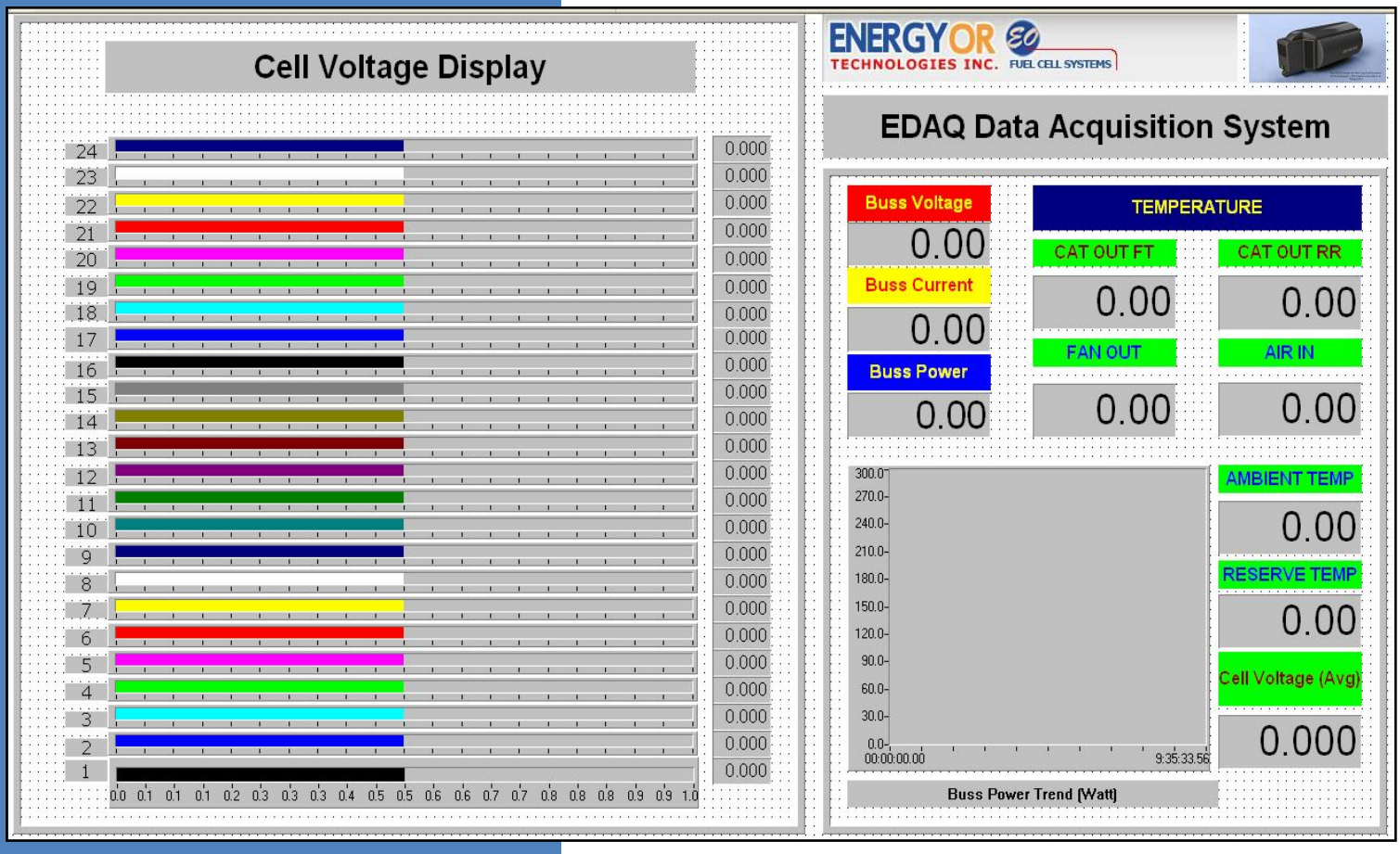
Other Products

EnergyOr also offers other fuel cell products including the EPOD line of unmanned aerial vehicle (UAV) fuel cell propulsion systems and EPAC line of auxiliary power units (APUs). Please refer to our product brochures online for more information or contact EnergyOr directly.

EDAQ Specifications

Technical Specifications*		EDAQ
System Parameters	Cell Pair Voltage	0 to 2.0 VDC
	Electrical Bus Voltage	0 to 100 VDC
	Electrical Bus Current	0 to 45 A
	Electrical Bus Power	Up to 1000 W
	Temperature (up to 6 channels)	0 to 150 °C
Electrical	Power Supply	Integrated battery supply (rechargeable) or 12VDC, 600 mA AC wall adapter
	Wire Harness	28 pin circular type connector (TE connectivity)
	Bus Connection	Anderson Powerpole® type connector
Data Logging	Format	Float or ASCII Text
Communications	PC Interface	RS232 (default 9600 bps, no parity, 1 stop bit)
	Optional	RS485, USB, ZigBee®
Physical	Total Mass (including harness)	4.45 kg
	Dimensions (L x W x H)	35 x 17 x 11 cm

* Specifications are subject to change without notice



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