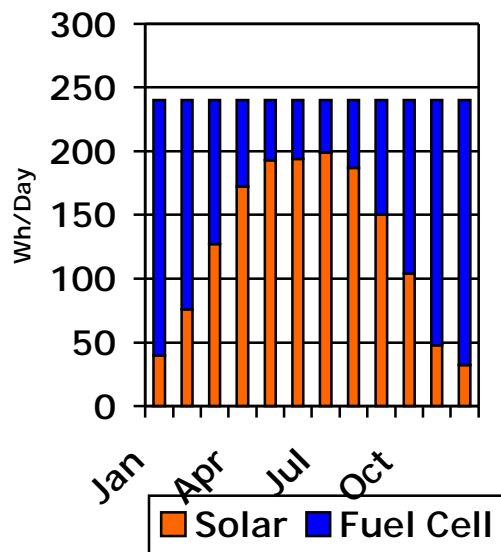


EFOY OUTDOOR Box – Power supply for off grid applications

Neuenstein, August 22nd 2006: udomi – competence in fuel cell systems announces the introduction of the EFOY-OUTDOOR power supply for off grid applications. This system combines the Direct Methanol Fuel Cell unit EFOY (Energy for You) from the manufacturer Smart Fuel Cell AG and Solar PV power in a robust and reliable outdoor housing. The EFOY-OUTDOOR system can be used to power measuring sites, traffic control, video surveillance, security systems and telecommunication equipment.

While standalone PV-battery solutions do not provide reliable power throughout the year, the EFOY-OUTDOOR solution in combination with solar panels will power your application all year long.



The key component of the EFOY-OUTDOOR system is the maintenance free EFOY fuel cell system from SFC AG in Brunthal, Germany. Equipped with a 10 Liter Methanol cartridge the EFOY system delivers up to 9kWh of electrical energy. Embedded in the OUTDOOR Box it can be used in a wide temperature range from -20°C to 40°C. The OUTDOOR Box provides electrical interfaces for 12V load and 12V solar panels.

The EFOY-OUTDOOR system provides continuous output power ranging from 1-65 Watt. Peak power demand (>100 Watt) is buffered from a lead acid battery, which is also integrated in the OUTDOOR box. Systems with higher output power or 24V supply are available on request. Communication with the EFOY-OUTDOOR system can be realized via a local PC/Laptop or from remote using LAN/WLAN or GSM/GPRS. The system will inform the user automatically via email or SMS if the Methanol cartridge level is low and should be replaced.

Find more information about the EFOY-OUTDOOR system at www.udomi.de

About udomi:

Udomi – competence in fuel cell systems integrates and sells fuel cell systems with an output power range from mWatt to kWatt. The main focus is on hybrid power supplies combining fuel cell systems and solar panels (PV) for applications such as measuring sites, traffic control, video surveillance, security systems and telecommunication equipment.

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