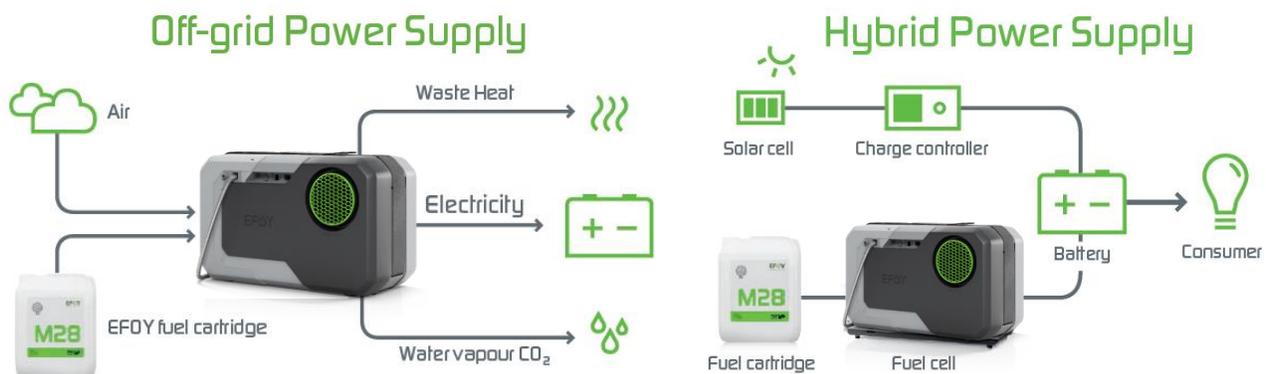


EFOY Pro Hybrid Power Solutions

Reliable off-grid power is a challenge in any application. EFOY Hybrid solutions provide users with a fully autonomous, eco-friendly, reliable and maintenance free power solution with extreme weather capabilities. EFOY fuel cells are smart energy producers that can be used for continuously and automatically recharging batteries. They are based on DMFC (Direct Methanol Fuel Cell) technology which converts methanol into electricity through a single stage catalytic conversion process. This method is one of the cleanest and most efficient ways to generate power and a perfect complement to solar.

When a solar array is unable to deliver enough power to a battery bank, the EFOY will sense the voltage drop and automatically switch on to keep the battery bank charged. Large oversized solar arrays and battery banks can be reduced up to 75% while at the same time significantly increasing autonomy vs. a traditional solar/battery installation.

Our EFOY Hybrid solutions are built based on customer specific loads and location and are designed to provide 12+ months of fuel autonomy.



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ENERGY

AB Assets: Option #1) Price Summary – 125W ProCabinet 4060SX

ITEM	EFOY PRO HYBRID ENERGY SOLUTION	QTY	PRICE PER ITEM	TOTAL
1	<p>125W EFOY ProCabinet 4060SX Fuel Cell Hybrid System</p> <p>SFC-EFOY-TOUR-4060SX-2800-FM2-24-M60-2-XX</p> <p>EFOY ProCabinet 4060SX Insulated NEMA 3R -40°C rated freestanding powder coated steel enclosure including installation of the following:</p> <ul style="list-style-type: none"> (1) EFOY Pro 2800 Fuel Cell (125W) (1) EFOY Fuel Manager FM2 (2) M28 Fuel Cartridge Adaptor (1) 60A MPPT Solar Charge Controller (1) DIN Rail with Power Out / Solar In Connections and Fuse/Terminal Block (1) Heat Trace for water vapor exhaust tube with thermostat control (1) Cooling fan with thermostat control (1) Extended side cabinet for mounting solar charge controller & terminal blocks (2) M28 Methanol Fuel Cartridges (2) SNV-170 150 Ahr, 12V Sealed AGM Battery (4) 420WP 72 Cell Solar Panel (1) MidNite - 6 Circuit Solar Combiner Box w/ Disconnect Switch (1) MidNite - Lightning Arrestor (300VDC) (2) MidNite - MNEPV-15, 15A Breaker (1) Midnite - MNDC-GFP63, 63A Ground Fault Protector (2) Solar Cable w/ MC-4 Connectors, 8m (26ft) (1) TPM-4 - 4 Panel Top of Pole Mount Bracket <p>CERTIFICATION: NEMA 3R EFOY/Battery panel built to CSA 22.2 NO.14 and carries a cETL/us (North American) Certification</p>	8		

Note: Solar mast is not included as it needs to be sized based on site conditions. Solar cable lengths will depend on customer specified mast height so ***please specify if cables longer than 8m are required***

EFOY ProCabinet 40605X

