

Pacific Yacht Systems



EFOY fuel cells work like a “mobile power socket” to automatically recharge batteries and are available for use 24 hours a day.

3 models – lightweight, quiet, eco-friendly and no maintenance required

EFOY COMFORT fuel cells are available in various power classes from 80 to 210 Ah/day to suit various demands.

Always-available power supplies – usable all year round

Thanks to EFOY COMFORT, a reliable power supply is guaranteed even far away from the mains socket. Under a shade-giving tree, for example, in a far-off cove, in any weather, at any time of year. Even at temperatures below freezing!

EFOY acts as a battery charger

Your EFOY will charge a battery fully automatically. The integrated charge regulator constantly monitors the charging status of a 12 V battery. If necessary, the EFOY can start automatically and switch itself off again when the battery is full. This means that you not only have a constantly full supply of energy, but your batteries also last much longer, since continuous charging protects them against harmful deep discharging.

Part Number	Part Description	Retail Pricing
EFOY 80	EFOY ComfortT 80l Set	\$3,535.69
EFOY 140	EFOY Comfort 140l Set	\$5,011.65
EFOY 210	EFOY Comfort 210l Set	\$7,016.71
EFOY M10	Fuel Cartridge M10 Litre - 2 per pkg.	\$71.24



Can be used all year round



Extremely quiet



Fully automatic and maintenance-free



Eco-friendly



Lightweight and compact



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EFOY System FAQs:

- Q:** Does the EFOY system regulate its charge output and fuel consumption by monitoring Battery Voltage?
- A:** **Yes, the EFOY regulates the power output based on the battery voltage.**
- Q:** Can you install a solar system in parallel with the EOY Fuel Cell so that the solar charge will pick up some, or even potentially all, of the charge during daylight hours depending on the size of the solar system and time of year?
- A:** **Yes, you can have a solar array in parallel. The EFOY will only charge if the battery voltage is below the predefined value.**
- Q:** Is it best to go bigger when sizing a fuel cell or is it best to size a cell to match the given load? Does efficiency play a role in sizing a fuel cell or is it just purchase cost?
- A:** **It is recommended sizing to load and then adding 25% to 50% as buffer so the fuel cell isn't working at full capacity.**
- Q:** What are the fuel cell outputs?
- A:** **The fuel cell outputs DC not AC voltage. For instance the DC output of the 210 unit is about 8 amps at 12 VDC.**
- Q:** Can EFOY fuel cells be refilled?
- A:** **EFOY fuel cartridges cannot be refilled. You simply purchase new cartridges.**
- Q:** Do the EFOY units come with installation drawings and an operating panel?
- A:** **Yes, the instruction manual is pretty specific and comes with the fuel cell.**
- Q:** What are the shipping restrictions, if any?
- A:** **Shipping Via Ground: The EFOY Units can be ground shipped by courier anywhere in British Columbia where regular freight charges apply. For some destinations, such as the Sunshine Coast, a Dangerous Goods charge of approx. \$15 applies.**
- Shipping Via Air: The EFOY units must go to a FedEx facility where the courier can complete the paperwork and certification to ship via air.**
- Q:** Do I need to purchase any additional accessories in order to complete the installation?
- A:** **The EFOY unit comes complete with all the accessories (remote panel, fuel cell tray, fuel tray, straps, and exhaust hose) you need in order to install.**

