

Remote power system

DuraSource™



Overview

DuraSource is an advanced off-grid power system utilising a combination of technologies to deliver reliable and consistent power.

By integrating solar photovoltaic panels, fuel cells and batteries as part of a robust and rapidly deployable package, this innovative and durable solution is ideal for powering critical applications in remote and demanding environments.



Key Features

- ✓ **Flexible Power Configuration**
Tailored to your power needs by customising for AC or DC, batteries, solar and/or fuel cells.
- ✓ **Weatherproof**
Built to withstand a range of weather conditions, ensuring reliable performance in remote environments.
- ✓ **Modular Design**
Easily match your load requirements to a suitable power system arrangement.
- ✓ **Remote Monitoring**
Stay informed and in control of your power system from anywhere, anytime via our web portal.
- ✓ **Quiet Operation**
Near silent, making it suitable for installations where noise pollution is a concern.
- ✓ **Compact and Portable**
Small footprint to allow for easy transportation and installation in the most difficult locations.

Technical specifications

Continuous Power Output	0–55W
Max Power Output @ 12V	360W
Max Power Output @ 24V	700W
Solar Pmax	4 x 300W
Fuel Cell	125W (EFOY Pro 2800)
Fuel Cartridges	2 x 28ltrs
DC Output	12V & 24V
Battery Configuration	4 x 6 V 110Ah GEL
Nominal Storage Capacity	2.6kWh
Weight (not incl. solar panels)	~160kg
Size	1200 x 850 x 530mm
Operating Temp	~ -20 to +40 °C
Enclosure Material	Aluminium (EFOY ProCube 2060A)
Conformity	CE

Optional extras

AC Output	✓
Remote Monitoring	✓



Typical applications

- Environmental Monitoring
- LiDAR and SoDAR Installations
- Data Loggers and Telemetry
- Security / Temporary CCTV
- Rural Internet
- Remote Actuators
- Rail Crossings