

Power Portal

Advanced Telematics Software

The Prolectric Power Portal is a remote monitoring, control and reporting portal.

It's a game-changer in remote device management, giving you cutting-edge access to critical performance data and the ability to control the functionality of the Prolectric ProPower Solar Hybrid Generator or ProPower Solar Hybrid 3-Phase from any location.

Combining intelligent hardware, software and GPS tracking, the Power Portal gathers over 400 pieces of telemetry data to give you a complete view of each unit's operating condition. This enables you to maximise the generation and use of clean, free solar power and is proven to reduce fossil fuel use by up to 90%.

The Power Portal's intuitive dashboards provide up-to-date, near-real-time reporting on the performance of your solar fleet. We can also customise our reporting system to interact and integrate with your existing reporting and unit management systems.



Battery Status

24/7 access to monitor the charge state of your unit's battery.



Energy Consumption

Keep on top of how much energy you're using.



Energy Generation

Always know how much energy your units are generating.



Carbon Savings

Real-time data showing how much carbon is being saved.



Diesel Savings

Shows you exactly how much you've saved compared to diesel usage.



Our Customers Include

Nixons Hire
 Balfour Beatty
 Ardent Hire
 Smartwatch Solutions
 Alide Plant Services

Who It Is For

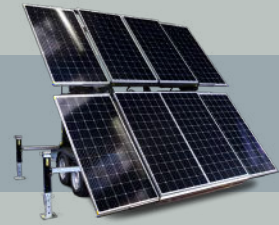
Hire Companies
 Fleet Managers
 Site Managers
 Sustainability Managers
 Operations Managers

Savings Report

4/30/2023-5/30/2023

You deployed
1 generator

Operating for a total of
715 hours



Generating
312 kWh
of green energy



Saving an incredible
2111
litres of diesel



Plus saving a whopping
£3167.10

and running without diesel for
588 hours



5659
kg of CO₂e

Diesel used
321 litres / £482.22

Emissions
862 kg CO₂e

All data displayed is compared to a standard 40kVA generator. All data has been taken directly from the Prolectric Power Portal.

Live Status Features

Monitor every aspect of your power system in near real-time with the Power Portal's comprehensive live status features. These include:

- **Fuel usage:** Monitor the generator's internal fuel tank consumption in near real-time.
- **Generator runtime:** Keep track of how long your generator has been running and receive alerts when it's time for maintenance.
- **Solar inputs:** Get near real-time data on the amount of power your solar panels are generating.
- **Battery level:** Stay informed about your battery's charging and discharge status to ensure it's always at optimal levels.
- **Load:** Monitor the amount of power your system uses and receive alerts when it exceeds your desired threshold.
- **GPS position/last seen:** Track your power system's location in real-time and receive alerts if it goes offline.
- **Data for remote monitoring portal:** Access your live status data anywhere, anytime, through the Power Portal's secure and user-friendly interface.

Asset Management Features

- **Alarms/notifications/tags:** Set custom alarms and notifications to stay on top of important events and changes in your power systems. Organise your assets with tags for easy identification and reporting.
- **Customer allocation:** Allocate your power systems to specific customers, and track usage and performance data for each customer.
- **Map:** View your power systems on an interactive map to quickly identify their location and status.

Remote Control Features

- **Turn the power unit on/off:** Start and stop your generator or power solution from anywhere with just a few clicks.
- **Manual/auto control switch:** Choose between manual and automatic control for your power system, giving you complete control over your energy supply.

Reporting Features

The Power Portal provides advanced reporting features to help you make informed decisions about your power systems. These include:

- **Raw data exports:** Export all your data in raw format for use in custom reports, data analysis, or integration with other tools.
- **Automatic infographic reports:** Get automatic reports that provide visual insights into your energy usage and performance, including carbon and finance reports which can be easily shared with stakeholders, including customers and regulators.

