

OFF-GRID Controller

ULTIMATE
MONITORING AND CONTROL
FOR OFF-GRID ENERGY SYSTEMS

SYSTEM BENEFITS

For many customers, 100% uptime is the single most important factor when designing and planning the off-grid system. The Off-Grid Controller will ensure your system runs smoothly and faults are detected early - potentially saving thousands in support and maintenance charges. The Off-Grid Controllers return-of-investment is instantly.

INDUSTRIES

Residential



Oil & Gas



Telecommunication



Renewables



NGO and Governmental



When a problem occurs, it's often too late; the site has gone offline and service is down. Downtime means lost revenue and possibly expensive and time consuming repairs. Site engineers might find the fault but not the cause, increasing the chance of future problems.

The Off-Grid Controllers in-depth monitoring capability will see signs of failure in advance. This could be decreasing battery throughput, wrong control room temperature or unstable AC voltage/frequency.

Designed to record all important DC and AC data, the Off-Grid Controller also records many important environmental variables. The data is stored locally and uploaded to a cloud where it can be accessed online. It is displayed through a user friendly interface for monitoring and controlling your system. The Off-Grid Controller is able to work with any existing equipment, meaning you can upgrade any installation.

In case of a complete failure, the Off-Grid Controller provides the site engineers with a log of events to assist with the diagnostics. Engineers have online access to the data before the call-out or if the system is offline, have access to the data locally via LAN connection (laptop). Alternatively you can add a WIFI router for smartphones or tablets.

Some potential cost-saving scenarios include: prolonging the battery life a few years by alerting of incorrect charging parameters; notification that pre-emptive generator repairs should be made; optimising runtime of generator for better fuel efficiency.

As experts in off-grid systems, we understand the importance of your energy systems and offer in addition, along with the Off-Grid Controller, a monitoring service and 24h support. We will monitor your system and contact you immediately if we detect anything out of the ordinary as well as if we can see a slow decline in performance.

www.offgridcontroller.com

