

ProPower Solar Hybrid Generator

The Prolectric ProPower is a solar hybrid generator that has been designed to provide a sustainable temporary power solution for the construction, infrastructure, rail and events sectors, amongst others.

The ProPower packs the latest solar and Li-ion battery storage technology onto a static skid or trailer mount – making it a clean, cost effective and easy to deploy solar hybrid generator that can significantly cut your fuel usage and carbon emissions.

The ProPower has a compact footprint, making it easy and quick to set up on smaller compounds. It is available with the ERICA smart distribution board that measures and records how much and where you consume power on site. The ProPower can charge electric plant equipment and up to 6 site welfare cabins 24 hours a day, 7 days a week. The ProPower can be customised to power EV charging equipment.

Each ProPower is equipped with remote monitoring and GPS tracking, so it can be switched on and off remotely, and key data such as power generated/consumed can be monitored and recorded. Environmental reports can be automatically produced to track energy performance and carbon reductions compared to conventional generators.

The inclination of the ProPower solar panels can be adjusted for optimum performance, leading to an increase in solar generation of up to 15%.

Game changing remote monitoring & management

Manage your ProPower from anywhere, anytime using the portals' powerful remote control functionality.

[Find out more](#)



Reduced Emissions
Offers huge CO₂ emissions benefits vs traditional diesel generators.



Reduced Fuel Usage
The ProPower can cut fuel usage by up to 90%.



Reduced Noise
Silent overnight power from battery storage, ideal for urban & night projects.



Reduced Maintenance
Reduced generator run-time means less maintenance.



Advanced technology
Remote control, monitoring and reporting capabilities.



1

**3040W
PV peak**

**Up to
22.5kW
generator
output**

2

**135 gallon
fuel tank
built into
skid mount**

3



ProPower Solar Hybrid Generator

Remote
monitoring
and GPS
tracking



General Specification

Generator	22.5 kVA (1PH)
Battery	30 kWh (usable)
Socket outputs *hardwire option available (lugged or powerlock connectors)	4 x 20A GFCI / 120V 1 x 30A GFCI / 120V 1 x 50A GFCI / 240V
Internal tank size	35 gallon (30-45hrs run time, load dependent)
Wind loading	50 mph

Solar Panels

PV peak	3040W
Panel extension	Hydraulic
Safety	Auto lock/sensor
Charge time	3hrs (approx.) from empty

Dimensions

(1) Skid Mounted
(2) Trailer Mounted

Deployed dimensions	(1) 15(L) x 14(W) x 12(H) ft (2) 19(L) x 13(W) x 12(H) ft
Stowed dimensions	(1) 11(L) x 7(W) x 8(H) ft (2) 14(L) x 7(W) x 8(H) ft
Net weight *with full fuel tank	(1) 4 ton (2) 3 ton

