

RELIABLE POWER. LOWER COSTS. REDUCED CARBON.

The Cairn Cross Solar Power Generator is a cleaner, quieter and more sustainable alternative to traditional diesel generators, delivering reliable temporary power while significantly reducing fuel consumption, emissions and operating costs.



Please note: Performance figures will vary due to time of year and weather conditions.



£863

**Average Monthly
Fuel Saving**

Compared with a
traditional 45kVA
diesel generator



1,446.8kg

**CO₂ Saved
Every Month**

Helping reduce your
project's carbon
footprint



188

**Hours
Powered by
renewable solar
energy**

Only 12 hours of diesel
backup required



94%

**Reduction
In diesel generator
runtime**

200 hours reduced
to just 12 hours



12 Hours

Diesel backup used
During a 30-day
operational period

REAL PROJECT RESULTS

Traditional Diesel Generator



- Average monthly diesel cost: £914.28
- Based on approx. 10 hours of operation per working day
- Diesel price based on £1.60 per litre

Cairn Cross Solar Generator



- Internal diesel generator operated for just **12 hours**
- Total diesel cost: **£50.64**

VS

Over a typical 30-day period:



- Approximately 20 working days
- Equivalent to 200 operating hours using a conventional generator

With the Cairn Cross Solar Generator:



- Diesel generator operation reduced to 12 hours
- **188** hours powered by renewable solar energy

£863.64 SAVED EVERY MONTH ON DIESEL



As solar generation supplies the majority of the site's power, the diesel generator is only required as a backup during periods of low solar production.

CARBON REDUCTION

Using a conventional diesel generator for 200 hours would produce approximately:

1,531.78 kg
of CO₂

Using Cairn Cross Solar Power Generator reduced emissions to:

84.98 kg
of CO₂

SAVINGS

1,446.80 kg
Of CO₂ SAVED
EVERY MONTH

That's the equivalent of removing a significant amount of carbon emissions from your project every month while still delivering dependable site power.



KEY FEATURES



Solar Powered Technology



Intelligent Battery Storage



Low Noise Operation



Reduced Diesel Consumption



Lower Carbon Emissions



Robust, Secure Design



Suitable for Remote Locations



Flexible Hire Periods



Nationwide Delivery

BENEFITS



Sustainable alternative to traditional diesel generators



Reduced fuel usage and operating costs



Supports environmental and sustainability objectives



Minimises noise pollution



Reliable temporary power wherever it's needed



Quick deployment and installation



Expert technical support throughout your hire period



LESS DIESEL.
LOWER COSTS.
SMALLER CARBON FOOTPRINT.

AVAILABLE FOR HIRE

Power your next project with a smarter, cleaner temporary power solution.



**POWERING THE FUTURE OF
INFRASTRUCTURE**

Hire a Cairn Cross Solar Generator Today.

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