ZEROS
POWER.COM
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REVOLUTIONIZING EVENT POWER!

1 WHAT WE DO

Zeros is revolutoinizing event power with ZERO CARBON power solutions, tackling the environmental impact of traditional diesel generators in events. We can provide you with a zero-carbon power solution as a **direct replacement for diesel generators** for about the same costs.[1]

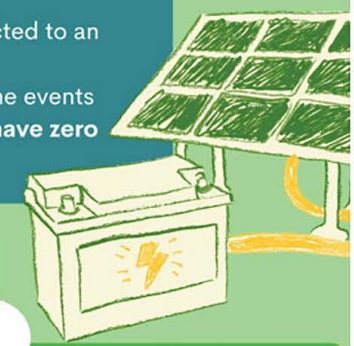
2 WHY YOU NEED IT

Many of us have now decided to take note of how much Carbon we emit during all of our activities. The events industry is beginning to take this seriously and we are under the spotlight to come up with a way of **delivering power responsibly**.

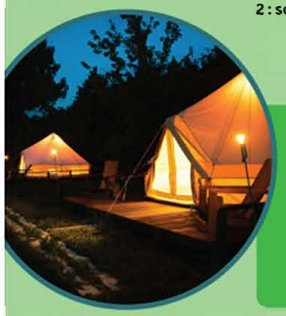
3 HOW WE DO IT

Specialised event 3φ power supply

We use batteries and solar panels connected to an electrical system to make off-grid power.
You plug in, with the same connections the events industry has always used, **and now you have zero carbon power!** [2]



1 : with fuel cost factored in
2 : solar panels are optional



4 THE PROOF

Zeros Power successfully ran a **1000 person** glampsite at the **Download Festival** in 2023 supplying zero-carbon electricity to run showers, loos, pamper, lights, food concessions etc.

5 ADDITIONAL BENEFITS

Power your event set up at **no extra fuel** cost

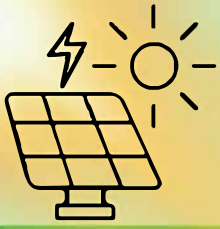
www.zerospower.com

THE DETAIL

TEMPORARY POWER MADE EASY & AFFORDABLE

Zeros Power specialise in zero carbon power for temporary events for a similar price to a diesel equivalent [1]. With a growing demand for environmentally responsible power solutions, we have designed and built a zero carbon power system to meet the requirements for outdoor events industry.

1: Input power can be adjusted to suit source



SAFE, RELIABLE & QUIET

Our power is silent, reliable, safe and clean and suitable for any application. The range of configuration options means that power is available for all events.

PRICING

	First Week	Following Weeks *(20% discount)*
15kW (24kVA equiv) Power Bank (inc solar panels)	£700 pw	£560 pw
24kW (30kVA equiv) Power Bank (inc solar panels)	£950 pw	£760 pw
Additional 24kWh Energy Bank (subject to availability)	£300 pw	£240 pw

Designed to run completely zero emission, our system does not rely upon a diesel generator to charge the batteries, although for mission critical solutions, this is an option for backup.

All prices exclude VAT

COMPARE TO DIESEL GENERATORS

Deisel gen set cost and breakdown: 60% average load consumes diesel at around 4.3L/hr or 467L over 4.5 days, which is about £900 of diesel
+ hire (£175)
+ long run tank (£75)
+ delivery
+ 1.2 tonnes of CO2 (enough to fill about 74,340 party balloons)
+ 10.9GJ of wasted heat (enough to make about 156,600 cups of tea!)

TECHNICAL INFO

Our units replace traditional generators with batteries and inverters which are configured to allow expansion of additional battery energy packs. Solar panels are used to keep the batteries charged and as a backup, a third-party power source can also be connected.
The instinctive design results in a true plug and play experience.

OPTIONS

We currently offer a two options on power units

- **15kW power pack** (approx. equivalent to a 20kVA genset)
- **24kW power pack** (approx. equivalent to a 30kVA genset)

All solutions provide

Single phase output: 220Vac 50Hz
Three phase output: 415Vac 50Hz
[2]

Input connection : Three phase: 1 x 63A Ceeform
Output specifications :

Single phase: 3 x 16A Ceeform (blue)
3 x 32A Ceeform (blue)
Three phase: 1 x 63A Ceeform (red)

2. Power output limited to available power from inverter or socket rating, whichever is lower

SOLAR PANELS

Solar panels are connected to the system to charge the batteries for night time use. We need about 150m2 to install the full system with an unobstructed east-west facing area. Exact design of panel layouts can be customized to your event, the shape is not important (within reason).

POWER BANK SPEC

Each solution requires 3 boxes with these dimensions;

Height x Width x Length:
0.91m x 1.00m x 1.92m

Weight: 930kg

INTERESTED?

Get in touch!

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DOWNLOAD FESTIVAL
CASE STUDY

Rock Retreat at the Download Festival

As a pioneer in sustainable energy solutions, undertook an ambitious project at the Rock Retreat Glamp site at the Download festival, powering a 1000-person glamping site with its innovative solar-powered battery system.

OBJECTIVE...

The primary goal was to provide a fully sustainable power solution for the entire glamping site, ensuring a zero-carbon footprint without compromising on the quality of amenities offered to the festival-goers.

SOLUTION...

Solar-Powered Battery System: The company installed an advanced solar-powered battery system designed to meet the high energy demands of the site.

Energy Capacity and Output: The system was capable of delivering an impressive output capacity of 87 kW, sufficient to power the entire site effectively. This is approximately equivalent to 105kVA diesel genset.

The company deployed the system to power various facilities:

Showers & Loos

Reliable power supply for hot water systems and lighting in washroom facilities.

Pamper Hut

Powered beauty and relaxation amenities, maintaining high standards of comfort.

Concessions

Ensured smooth operation of food and beverage stalls with consistent power supply.

Offices

Sustained power supply for the operational and administrative offices on-site.

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RESULTS

1 ZERO CARBON FOOTPRINT

The power during the event successfully achieved a zero-carbon footprint, aligning with global sustainability goals.

2 ENERGY EFFICIENCY

The system's high energy capture and output capabilities ensured uninterrupted power supply throughout the event.

3 NOISE REDUCTION

Unlike traditional generators, our system operates silently, contributing to the overall experience without any noise pollution.

4 GUEST SATISFACTION

The seamless operation of amenities contributed to a positive experience for the glampers.

5 SUSTAINABILITY MILESTONE

Set a precedent for sustainable energy solutions in large-scale events.

6 STATISTICS

2.25MWh of energy converted from sunlight, mostly re-delivered to the festival goers during the hours of darkness.

CONCLUSION...

The Zero Carbon Event Power Company's successful implementation of a solar-powered battery system at the festival marks a significant achievement in sustainable event management. It demonstrates the viability of renewable energy solutions in meeting high energy demands without compromising environmental integrity. This project paves the way for more eco-friendly events in the future, contributing to a greener planet.

EPILOGUE...

A Toast to Greener Choices!
As a fun comparison, let's consider what would have happened with a traditional diesel generator...
By opting for the solar-powered solution, the event avoided releasing 2.6 tonnes of CO2 into the atmosphere.
Such a generator would have wasted a staggering 23.0 GJ of heat in the process...

*enough CO2 to inflate about **100,641** party balloons.*

enough energy to brew approximately 329,704 cups of tea

So, while the guests enjoyed their sustainable glamping experience, the environment got its own celebration – free from unnecessary heat waste and a mountain of CO2.
Cheers to a greener party!