

# TECHNICAL SPECIFICATIONS

Zeros Power



Meet our Expert...

## DR TOM REDMAN

An experienced Electrical and Electronic Engineer with a BEng (Hons) in Electrical and Electronic Engineering from Herriot Watt University, and PhD from Clare College, Cambridge University.

**For technical assistance, contact Tom, on 07720411339**

## ABOUT

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

## SOLAR PANELS

Solar panels are connected to the system to charge the batteries for night time use. We need about 150m<sup>2</sup> 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 BANKS

Each solution requires 3 boxes with these dimensions;

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

**Weight:** 930kg

## 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)

### Input connection<sup>2</sup>:

Three phase: 1 x 63A Ceeform

**Output specifications :**

### All solutions provide

**Single phase output:** 220Vac 50Hz

**Three phase output:** 415Vac 50Hz

**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.