



Vitacell[®] Lithium Battery Pack

Fuel Free and Silent Running Battery Power

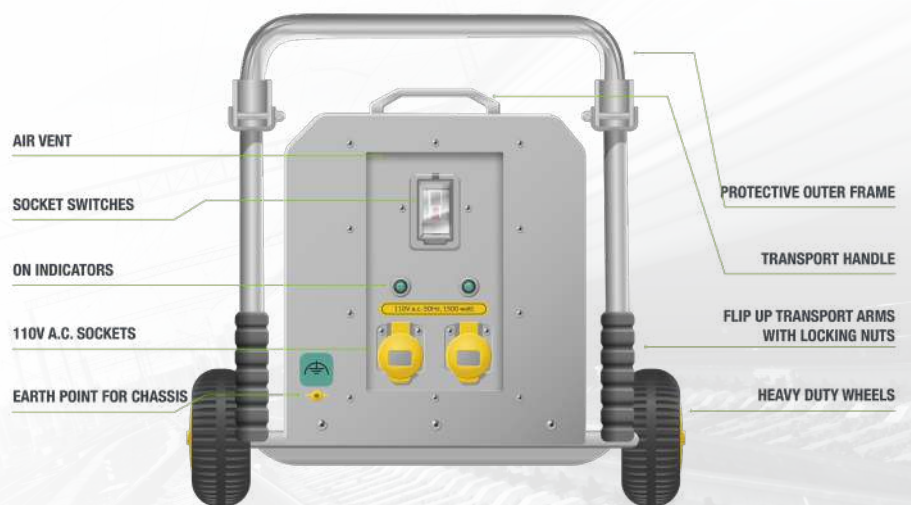
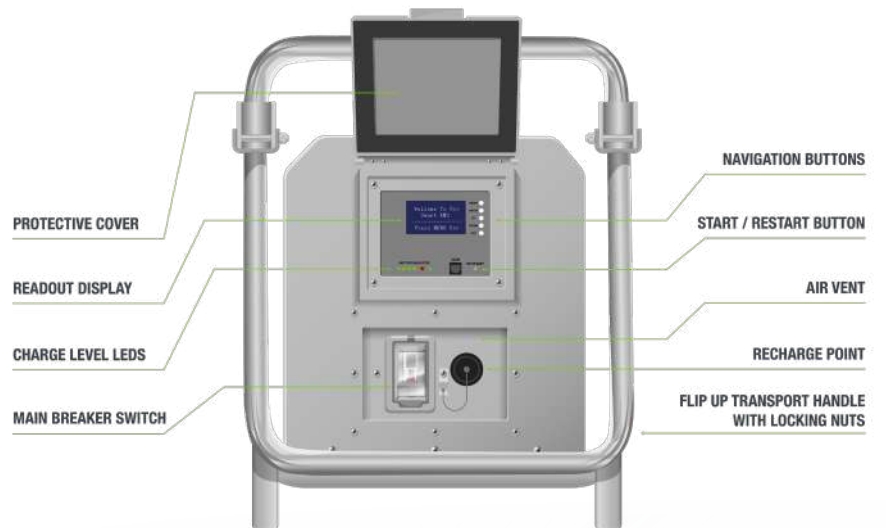
Overview

The Vitacell[®] Lithium battery power pack is suitable for use with small plant, equipment and powered tools up to 1500 Watts with a charge time from flat to a full charge in just 7 hours.

Our a.c. electricity generator is powered by a rechargeable Lithium-Ion battery and is an environmentally friendly alternative to traditional power generation. The unit requires no maintenance, is fuel free, silent running and has zero carbon emissions.

The Vitacell[®] Lithium battery power pack is extremely robust for use on railway and construction sites, and has been ergonomically designed for ease of lifting and transportation.


When used with either the CapellaStrip[™] LED strip light; the Lunarlink[™] LED Link Light; and/or the Lunar360 LED flood light they are replacing existing lighting systems in order to meet industry carbon emission targets and are also reducing noise pollution on site.



Key Benefits

- ▶ Zero carbon emissions
- ▶ Silent running
- ▶ Fuel free
- ▶ No maintenance requirements
- ▶ No waste output
- ▶ 85kg in weight
- ▶ Operates at 110v
- ▶ Suitable for use with small plant, equipment and powered tools up to 1500 Watts
- ▶ Optional GPS tracker
- ▶ UK CE approved
- ▶ Charge from flat to a full charge in 7 hours

Specifications

Input (re-charging)	48-60 V d.c
	30 A
	
Recharge time	6 – 8 hours
Output rating	110 V 50 Hz
	1500 W
	16A MAX
System	Floating neutral
	Class II double insulated
Ingress Protection	IP 44 Protected against solid objects bigger than 1mm and water splashing from all directions

Mass evenly distributed	85 kg
External Dimensions	950L x 570H x 580W mm
Storage temperature	-20 to 45 °C
Working temperature	-20 to 35 °C Avoid leaving in direct sunlight
Recharge temperature	0 to 25 °C
Battery	48 V (nominal) 100 amp-hours
Chemistry	LiFePO4+6C Li1-xFePO4+LixC6
EMC category	A (industrial limits)
Safety design	BS EN 62477-1 Requirement for power electronic converter system equipment general requirements

Vitacell® Lithium Battery Pack with charger



Use the Vitacell® Lithium battery pack to power:

- ▶ 9 x Lunarlink™ link lights to illuminate a 90m length for 30 hours.
- ▶ A Lunar360° 3-head to floodlit an area on its highest power setting for up to 17 hours.

