

# Terra

## Portable Power Station.

Introducing the Terra, portable power on an industrial scale. Developed as a practical alternative to noisy and polluting diesel generators, the Terra delivers a silent, environmentally friendly power source, with a user-friendly price tag.

The Terra has been designed from the ground up to be portable and manoeuvrable, easily handled by one person, whilst it's steel chassis and rugged construction mean it will give years of reliable service, even in the harshest of environments. It's hard-wearing rubber tyres ensuring that it will go wherever you need to take it.

Featuring an 8.8kW inverter and a massive 20kWh of Lithium Phosphate battery storage, in a construction site environment, the Terra will keep your site office running, your power tools charged and the kettle boiling! It is perfect for temporary CCTV and alarm installations, as well as powering site facilities such as lighting, security systems, traffic lights etc.

The Terra can also be tasked with far more diverse applications such as in disaster relief situations, where power and lighting can be provided rapidly in a scalable fashion, not needing to be towed behind a vehicle, multiple Terras can be deployed in minutes, easily transported in a modestly sized van, or rugged AWD vehicles as required.

The Terra also sits perfectly in hospitality, catering and entertainment applications where your pop-up event also needs pop-up power. The Terra is ideal for powering sound systems, catering trailers and mobile bars. In fact, the Terra brings power to the people.



### Features

- Robust housing containing both inverter and batteries.
- Built-in 8.8kW hybrid inverter.
- 20kWh LiFePO4 batteries.
- Easy to deploy and manoeuvre.
- Collapsible arms that aid storage and transportation.
- 3 x euro-socket outputs.
- Mains socket for charging.
- Emergency stop.
- A clear display screen showing the battery status and connected loads.
- Cost-effective.
- Silent running.
- Non-polluting.
- Full warranty support.

## Terra

### Model Information

Product Type	Mobile Power Bank
Enclosure	IP44

### AC Input

Voltage Range	220 ~ 240V AC
Frequency Range	47.5 - 52Hz
Max. Current	38.3A

### AC Output

Outlets	3
Voltage	L/N/PE 230V
Frequency	50/60Hz
Rated Current Per Outlet	16A
Max. Current	38.3A
Rated Power	8000W
Max. Power	8800W
Power Factor	0.8 Leading to 0.8 Lagging
Type	Single Phase

### Battery

Type	LiFePO4
Capacity	400Ah (4 Packs Combined)
Voltage Range	45.6V - 56.16V DC
Discharge Current	190A DC (Max.)
Discharge Power	8000W
Max. Charging Current	190A DC

### General Data

Conversion Efficiency	Up to 97.6%
Operating Temperature Range	-10°C to 50°C
Communication Interface	Wi-Fi (Optional)
Dimensions (L x W x H)	1268 x 1000 x 1068mm
Weight	400kg
Noise	<30dB