

DATASHEET

Fuelfix & Tanks2Go

ESU 15

Battery Energy Storage System

Power up remote mine, construction, and industrial sites with our 15kVA/24kWh, 3-phase mobile battery storage units (ESU15). These battery storage units can be used in conjunction with solar, grid or generators input and are designed to provide AC power for a variety of temporary and long-term applications.

Ease of transport

- Forklift pockets, tie down and lifting points designed to allow safe and easy handling of the unit
- Compact design, enables quick and remote delivery

Smart features

- Remote fleet management through online portal
- Live monitoring with built in 4G modem (Optional Wi-Fi hotspot capabilities, ideal for remote sites)
- Bluetooth App, simple set up and operation suitable for non-technical users
- Live updates on battery state of charge of batteries, as well as battery health

Zero Carbon Emission

- Long-lasting lithium-ion battery technology
- Utilise efficient and clean alternative energy source like solar to provide portable AC power

Durable

- Aluminium enclosure ensuring long life, IP54 rated finish
- Australian designed and manufactured, for Australian climates

Highly Efficient and Cost Effective

- Provide high efficiency power to optimise energy storage
- Can be used in a modular set up to scale power needs when necessary
- Quick installation for a permanent power solution
- 10-year battery life and low maintenance



General

| | |
|---|----------------------------|
| Model: ESU 15 | Voltage: 415v AC |
| Lifting: Forklift Pockets | |
| Dimension: 1400 x 725 x 1775 (LxWxH) | Weight: 650 kg |
| Output Power: 15kVA continuous load at 25°C | Frequency: 50Hz |
| Overload Power: 19.5kVA at 25°C | |

These specifications are subject to variation.
Please contact the Fuelfix Sales team for more information.



Operational data

| | |
|---|--------------------------|
| Working Temp: 0-50° (derates above 25°C) | |
| Input Type 32A 5 pin plug - IP66 with 5m lead | |
| Output Type 32A 5 pin GPO - IP66 | IP Rating IP54 |

Noise Level

Sound pressure at m/dB
35 Db at 7m

Solar Input

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| Solar Input 4 kWp @ 250V/35A | Generator Remote Start Feature |
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Battery

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|--|---|
| Battery Voltage 51.2V DC 4 off battery modules are connected in parallel | Battery Capacity 30.72kWh |
| Recharge Time 3 hours (10-100%) | Battery Type Lithium Iron Phosphate |
| Fast Charge 50% battery capacity in 2 hours (SOC between 10-80%) | |