

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: Fork Pockets & Tie/Lifting points	
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

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

Battery

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%)	