

DATASHEET

Fuelfix & Tanks2Go

ESU 5

Battery Energy Storage System

Power up remote mine, construction, and industrial sites with our 5KW/8kWh, single phase mobile battery storage units (ESU5). Our battery storage units can be used in conjunction with solar, grid or generators input 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 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 5	Voltage: 240v AC
Lifting: Fork Pockets & Tie/Lifting points	
Dimension: 1000 x 700 x 700 (LxWxH)	Weight: 180 kg
Output Power: 5kVA continuous load at 25°C	Frequency: 50Hz
Working Temp: 0-50° (derates above 25°C)	

*Subject to operating conditions.

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 15A 3 pin plug - IP66 with 5m lead	
Output Type 15A 3 pin GPO - IP66	IP Rating IP54

Noise Level

Sound pressure at m/dB
35 Db at 7m

Solar Input

Solar Input
**4kWp max. 250V
max. 30A max.**

Generator
**Remote Start
Feature**

Battery

Battery Voltage 48V DC 2 off battery modules are connected in parallel	AC Output Capacity 8.3kWh
Recharge Time 3 hours (10-100%)	
Fast Charge 50% battery capacity in 1 hour (SOC between 10-80%)	