

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

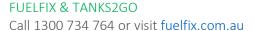


Highly Efficient and Cost Effective

- 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: Voltage: ESU 5 240v AC Lifting: Fork Pockets & Tie/Lifting points Dimension: Weight: 1000 x 700 x 700 (LxWxH) 180 kg Output Power: Frequency: 5kVA continuous load at 50Hz 25°C Working Temp: 0-50° (derates above 25°C)



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	Generator
4kWp max. 250V	Remote Start
max. 30A max.	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%)





^{*}Subject to operating conditions.

These specifications are subject to variation.