

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

\*Subject to operating conditions.  
These specifications are subject to variation.  
Please contact the Fuelfix Sales team for more information.



## Operational data

Working Temp: <b>0-50° (derates above 25°C)</b>	
Input Type <b>15A 3 pin plug - IP66 with 5m lead</b>	
Output Type <b>15A 3 pin GPO - IP66</b>	IP Rating <b>IP54</b>

## Noise Level

Sound pressure at m/dB  
**35 Db at 7m**

## Solar Input

Solar Input <b>4kWp max. 250V max. 30A max.</b>	Generator <b>Remote Start Feature</b>
--	--

## Battery

Battery Voltage <b>48V DC</b>	AC Output Capacity <b>8.3kWh</b>
Recharge Time <b>3 hours (10-100%)</b>	
Fast Charge <b>50% battery capacity in 1 hour (SOC between 10-80%)</b>	