

DATASHEET

# Fuelfix & Tanks2Go

## HESU 15

### Hybrid AC Power System

The Fuelfix Hybrid AC Power System (HESU15) is a cost-effective single phase 15kVA outdoor power generation solution ideal for mine sites, constructions sites, civil works, remote accommodation camps, remote offices, communications infrastructure, back-up power for essential services and outdoor events.



#### 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 monitoring functionality with live updates on power usage and run time
- Bluetooth App, simple set up and operation suitable for non-technical users

#### Environmental friendly

- Significantly reduces carbon emissions and noise pollution
- Can be used with alternative energy source like solar to provide portable AC power and reduce emissions by up to 90%

#### Durable

- Australian designed and manufactured, for Australian climates

#### Highly Efficient and Cost Effective

- Smart hybrid system that switches from diesel to battery power at low/continuous load to create significant fuel savings
- Excess energy from the generator is used to charge the battery for future use, reducing energy losses
- 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>HESU 15k-20</b>	Voltage: <b>230v AC</b>
Lifting: <b>Fork Pockets &amp; Tie/Lifting points</b>	
Dimension: <b>835 x 1680 x 2040 (LxWxH)</b>	Weight: <b>1200 kg</b>
Output Power: <b>15kVA continuous load at 25°C</b>	Frequency: <b>50Hz</b>

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>	IP Rating: <b>IP54</b>
Output Type <b>2X15A, 2X20A (32A and 63A available on request), IP66 outlets</b>	
Sound pressure at m/dB <b>68 Db at 7m</b>	

## Generator Specification

Engine Model: <b>Kubota D722</b>	Alternator model: <b>Stamford PI042E</b>
Engine Speed: <b>3000 RPM</b>	Power Rating: <b>8KW</b>
Fuel Tank Capacity <b>76L Tank</b>	

## Battery

Battery Voltage <b>51.2V DC</b>	AC Output Capacity <b>20.48kWh</b>
Recharge Time <b>3 hours (10-100%)</b>	Battery Type <b>Lithium Iron Phosphate</b>

## Solar Input

Voltage <b>250V/35A</b>	Power <b>2 x 4kWp Charge Controllers</b>
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