

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: HESU 15k-20	Voltage: 230v AC
Lifting: Fork Pockets & Tie/Lifting points	
Dimension: 835 x 1680 x 2040 (LxWxH)	Weight: 1200 kg
Output Power: 15kVA continuous load at 25°C	Frequency: 50Hz

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

Generator Specification

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

Battery

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

Solar Input

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