

DATASHEET

FuelFix & Tanks2Go

HESU 30

Hybrid AC Power System



The FuelFix Hybrid AC Power System (HESU30) is a cost-effective 3-phase 30kVA 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.



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



Smart features

- Remote monitoring functionality with live updates on power usage and run time



Environment 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 and easy to install

- Designed for Australian climates with 10-year battery life and low maintenance
- Quick installation for a permanent power solution



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

General

Model: HESU 30	Voltage: 400v AC
Lifting: Fork Pockets & Tie/Lifting points	
Dimension: 3330 x 1166 x 1657 (LxWxH)	Weight: 2622 kg
Output Power: 30kVA 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: -20°-50° (derates above 45°C)
Output Type 1X15A, 1X32A CLIPSAL outlets with ABB RCD protection

Generator Specification

Engine Model: Yanmar 4TNV84T-GGFC	Alternator model: Leroy somer TAL-A40-F
Engine Speed: 1500 RPM	Power Rating: 20kVA
Fuel Tank Capacity 100L Tank	

Battery

Battery Voltage 51.2V DC	AC Output Capacity 40kWh
Recharge Time 3 hours (10-100%)	Battery Type Lithium Iron Phosphate - LFP(LiFePO4)

Solar Input

Power 10kWp Charge Controllers
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