Multi-Fuel: Runs with Straight Vegetable Oil (SVO: Canola/Rapeeas, soy, sunflower, palm, jatropha, Algae, etc) or Waste Vegetable Oil (WVO such as cooking oil), plus Biodiesel, and common Diesel fuel.

Suitable as backup system for off-grid systems, can be integrated into solar, wind, Hydro power plants.

SUPERSILENCED (68 dB(A)±3 at 7 mt.): Soundproof enclosure, soundproof material, internal silencer, Constructed for Continuous long-term operation: Engine/alternator monoblock unit coupled through flexi-disc couplings, installed on a welded steel baseframe, complete with antivibration mountings.

Doors are 20/10 sheet steel, inox-steel handles and hinges, external fuel tank cap w/ key, lifting hooks.

Easy to operate by means of fully automatic PLC-control, supports local or remote control.

Diesel tank: 18.5 Gallons (70 litres), vegetable oil tank connected externally (not included)

Fuel consumption at 75% of load: approx. 1 Gal/Hour (4 L/h)

Dimensions, In: 70 L x 30 W x 44 H (MM: 1750 L x 750 W x 1100 H)

Industrial painting in RAL 1004 (golden yellow)

Weight: 1,620 Pounds (735 Kilos)

Generator Details:

Electric Start Panel

- Earth fault device
- Low fuel level switch
- Emergency stop button
- Magnetothermic circuit breaker
- Socket 32A 230V, Socket 32A 400V
- Voltmeter + phase selector switch
- Ammeter, Frequency meter, Hours run meter
- Multiple engine safety devices: high water temperature, low oil pressure, battery charger fault

Technical Data:

Equipment Specification (According ISO 8528/1)

- Frequency: 50 Hz or 60 Hz (Specify at order)
- Voltage available to the terminals: 400/230 V
- Standby power at cosfị 0.8: 22 kVA
- Prime power at cosfị 0.8: 20 kVA
- Standby power at cosfị 0.8: 17.6 kW
- Prime power at cosfị 0.8: 16 kW

Engine

- 4 stroke motor, water cooled, intercooled
- Brand and model: PERKINS 404C-22G
- Emission standard: Stage 2
- Displacement: 2,216 cc
- Governor: Mechanical
- Max power: 27 HP
- R.P.M.: 1,500
- Cylinders: 4

Alternator

- Synchronous generator with electronic governor
- Model: MECC-ALTE ECO28-1L4 (or similar)
- Continuous power: 50 or 60 Hz, 20 kVA
- Automatic Voltage Regulator (AVR)
- Stator/rotator insulation: class H
- Protection level: IP23
- Poles: 4

$16,999

Plus Shipping Delivery 4-8 Wks Worldwide