Multi-Fuel: Runs with Straight Vegetable Oil (SVO: Canola/Rapeseed, 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 (70 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.

Fuel consumption at 75% of load: approx. 19.6 Gal/Hour (74.3 L/h)

Dimensions, In: 70 L x 63 W x 91 H (MM: 4300 L x 1600 W x 2300 H)

Industrial painting in RAL 1004 (golden yellow)

Weight: 11,861 Pounds (5,380 Kilos)

Lead acid batteries: 24 V / 200 Ah

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

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 cosφ 0.8: 480 kVA
- Prime power at cosφ 0.8: 450 kVA
- Standby power at cosφ 0.8: 380 kW
- Prime power at cosφ 0.8: 360 kW

ENGINE

- 4 stroke motor, water cooled, intercooled
- Brand and model: DEUTZ BF8M 1015 C
- Emission standard: Stage 2
- Displacement: 15,874 cc
- Governor: electronic
- Max power: 520.5 hp
- R.P.M.: 1,500
- Cylinders: 8

ALTERNATOR

- Synchronous generator with electronic governor
- Model: MECC-ALTE ECO40-2S (OR SIMILAR)
- Continuous power: 50 or 60 Hz, 450 kVA
- Automatic Voltage Regulator (AVR)
- Stator/rotator insulation: class H
- Protection level: IP21
- Poles: 4

Generator Details:

$94,999

Plus Shipping
Delivery 4-8 Wks
Worldwide

TECHNICAL DATA SHEET – VEGETABLE OIL GENERATOR - 505 KW

www.OrganicMechanic.com/Vegetable-Oil-Generator/