

Aggregate Multifuel 3SP

Power Generator 2.8 kW 230 V / 50 Hz

Diesel - Heating Oil – Biodiesel - Vegetable Oil - Waste Vegetable Oil



Oil crisis and power blackouts are no horror scenarios but real threats which we can experience anytime. The worldwide shortage of resources, natural disasters, terrorist attacks, hacker attacks as well as strikes, riots and civil commotions endanger more and more the supply of oil and electricity. Imagine what can happen within a few hours of a power cut.

The **Multifuel 3SP** emergency generator is a crisis-proof investment in the future! In case of emergency the transportable 2.8 kW genset allows to operate all important electrical equipment independent from your energy provider: communication devices (mobile phones, telephone systems, fax machines, ...), computers and office equipment (printers, scanners, routers, ...), central heating systems, cooling and freezer devices, home appliances, electrical tools, electric lighting – everywhere electrical energy is required.

Already some bottles of vegetable oil from the next supermarket can help out, because the 1-cylinder multi-fuel engine is a true talent which accepts beside common diesel fuel also heating oil, biodiesel, straight vegetable oil (SVO) or waste vegetable oil (WVO)!



The soundproof generating set is delivered ready-to-operate and can be started at the push of a button. Due to low dimensions the required space is less than 0.5 sqm.

DESCRIPTION

The power generator **MULTIFUEL 3SP** is equipped with a multi-fuel engine, which can be operated with diesel fuel, heating oil, straight vegetable oil (canola oil, rape seed oil, soy bean oil, sunflower oil, palm oil, jatropha oil, coconut oil, copra oil, ...) or cleaned waste vegetable oil. The soundproof and portable genset is ideal qualified for off-grid power generation or emergency power supply for home and commercial applications. The delivery is oil-filled and ready for operation including a detailed user and service manual.



TECHNICAL DATA

- Continuous power 2.8 kW (power factor cos phi 1.0)
- Maximum power 3.0 kW
- Nominal voltage 230 V
- Nominal frequency 50 Hz
- Phase current cont. 12 A / max. 13 A
- Voltage regulation Automatic voltage regulator (AVR)
- DC-output 12 V / 8.3 A incl. overload protection
- Engine type 1-cylinder, 4 stroke, air cooled, direct injection, 3000 rpm
- Starting system 12 V electric start incl. maintenance-free starter battery and rope start
- Diesel tank 12 liters
- Veg oil (SVO/WVO), Heating oil tank 12 liters (external, included in delivery)
- Fuel consumption 0% load (idle) 0.5 l/h, 50% load 1.0 l/h, 100% load 1.3 l/h
- Emission class Stage-V, EU/2016/1628
- Exhaust diameter 35 mm OD (outer diameter)
- Alarm Low oil pressure alert (automatic engine stop)
- Control / display panel 2x power socket CEE230V/16A, start-/stop-key switch, digital meter with display of voltage, frequency and operating hours, AC-circuit breaker, DC-output, DC-overload protection, display for oil pressure-alert
- Dimensions L 720 x W 480 x H 770 (incl. external tank) mm
- Weight 105 kg
- Noise level L_{WA} 96 dB(A) / 78 dB @ 7m, soundproof

Further information on the Internet at:
<http://www.heipro.com/plant-oil-generator.htm>