



1000 kVA containerised GHP generator

Aggreko's greenpower (GHP) generators are purpose-built for rental to our specifications at our ISO-accredited manufacturing facility in the UK. Fully enclosed in a 20ft standard ISO container, the 1000 kVA generator is designed and certified to comply with EC directives for machinery safety and noise emissions, as well as TA-Luft/EPA certification for exhaust emissions.

ELECTRICAL OUTPUT	50 Hz	60 Hz
CONTINUOUS POWER (kW/kVA)	641/801	776/971
PRIME POWER (kW/kVA)	830/1038	944/1181
SINGLE STEP LOAD APPLICATION	56%	56%

Technical data*

1000 kVA GENERATOR

AMBIENT TEMPERATURE BEFORE DERATE	45°C/113°F (50 Hz) 45°C/113°F (60 Hz)
VOLTAGE RANGE (50 Hz)	220-240/380-415 Volts AC
VOLTAGE RANGE (60 Hz)	240-277/416-480 Volts AC

CABLE REQUIRED – 1000 kVA, 1443 AMPS @ 400V

SIZE	4 x 240mm ² /phase
TYPE	1 core

PHYSICAL DATA

LENGTH / WIDTH / HEIGHT 6.06m / 2.44m / 2.60m

WEIGHT (WITHOUT FUEL) 16500kg

WEIGHT (WITH FUEL) 17716kg

FUEL CONSUMPTION 50 Hz 60 Hz

100% PRIME POWER 202 l/hr 240 l/hr

75% PRIME POWER 151 l/hr 177 l/hr

50% PRIME POWER 102 l/hr 119 l/hr

EMISSIONS DATA (@100% LOAD)

NO_x (OXIDES OF NITROGEN) 3810 2920

PM (PARTICULATE MATTER) - -

CO (CARBON MONOXIDE) 620 160

HC (UNBURNT HYDROCARBONS) 68 93

NOISE DATA 50 Hz 60 Hz

SOUND PRESSURE AT 1M 81.2 dBA 85.5 dBA

SOUND PRESSURE AT 7M 73.4 dBA 77.0 dBA

TA-LUFT 50 Hz mg/nm³ EPA 60 Hz mg/nm³

*Equipment supplied may vary slightly

FEATURES

Designed and assembled to Aggreko's standards

Welded steel construction

Lifting forgings on all corners

Inlet and outlet louvres on the sides

Acoustically designed equipment with baffle plates

Fully bunded fuel tank with 120% capacity

Low fuel level warning sensor in fuel tank

Silencer fitted with spark arrestor and rain cap

Exhaust system fitted with insulation and heat shields

Control panel mounted inside, viewable through glass door

Range of warnings and shutdowns on control system

Text based LCD for monitoring and control

BENEFITS

Safe and reliable operation for rental applications

Provides extra strength, durability and protection

Safe and balanced lifting

Provide adequate air circulation for cooling

Reduces noise to operate even in quieter surroundings

Prevents fuel leakage, keeps site free from hazard

Aids seamless, interruption-free operation of the generator

Prevents fire and ingress of foreign matter

Protects operating personnel from high temperature surfaces

Prevents unauthorised access without loss of monitoring

Protects generator set from electrical and mechanical damage, helps identify and rectify faults before they occur

Supports display in multiple languages

Fully-engineered power rental

Whether you have an existing project that needs more power, require a complete turn-key package or need power quickly to get your operations up and running, we will design a reliable, cost-effective power package tailored specifically to match your needs. We do the calculations, design the equipment set-up, deliver, install and commission it, then we take care of its operation, maintenance and fuel supply, leaving you free to concentrate on your business – whatever industry you're in.

Full range of power equipment

GENERATOR SETS

- 20 kVA to 1500 kVA in single units
- Diesel and gas fueled

LOADBANKS

- 100 kVA to 6 MVA capacity
- Resistive and inductive AC loadbanks
- DC loadbanks up to 500 V/1500 A

OTHER ANCILLARIES

- Electrical distribution boards
- Synchronising panel
- Changeover panel



TRANSFORMERS

- 630 kVA to 6.3 MVA in single units
- HV step-up capability above 25 kV
- Over current and short circuit protection

CABLES

- Single or multi-core
- High current carrying capacity
- Resistant to abrasion, fuel, oil and water

FUEL TANKS

- Capacities up to 68,000 litres
- Fully bunded to prevent leaks and hazards





Power **how** you need it,
when you need it, **where** you need it.

