



60 kVA canopied 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 an acoustic canopy, the 60 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)	38/47.5	42.4/53
PRIME POWER (kW/kVA)	47.5/59	52.6/66
SINGLE STEP LOAD APPLICATION	40%	40%

Technical data*

60 kVA GENERATOR

AMBIENT TEMPERATURE BEFORE DERATE	43°C/109°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 – 60 kVA, 87 AMPS @ 400V

SIZE	1 x 35mm ²
TYPE	Multicore

PHYSICAL DATA

LENGTH / WIDTH / HEIGHT 3.03m / 1.00m / 1.77m

WEIGHT (WITHOUT FUEL) 1600kg

WEIGHT (WITH FUEL) 1881kg

FUEL CONSUMPTION

100% PRIME POWER 50 Hz 13.7 l/hr 60 Hz 15.5 l/hr

75% PRIME POWER 10.2 l/hr 11.7 l/hr

50% PRIME POWER 7.0 l/hr 8.2 l/hr

EMISSIONS DATA (@100% LOAD)

NO_x (OXIDES OF NITROGEN) TA-LUFT 50 Hz 5.73 g/kWhr EPA 60 Hz 5.69 g/kWhr

PM (PARTICULATE MATTER) 0.145 0.25

CO (CARBON MONOXIDE) 0.69 0.21

HC (UNBURNT HYDROCARBONS) 0.51 0.25

NOISE DATA

SOUND PRESSURE AT 1M 50 Hz 76 dBA 60 Hz 79 dBA

SOUND PRESSURE AT 7M 68 dBA 71 dBA

*Equipment supplied may vary slightly

FEATURES

Designed and assembled to Aggreko's standards

Bolted, galvanised, alloy steel canopy with lockable doors

Acoustically designed equipment

Fully bunded fuel tank with 120% capacity

Low fuel level warning sensor in fuel tank

Forklift pockets in base frame and lifting beam on top

Optional 2-point lifting arrangement

Silencer fitted with spark arrestor and rain cap

Control panel mounted inside, viewable through glass door

Range of warnings and shutdowns on control system

BENEFITS

Safe and reliable operation for rental applications

Provides extra strength, durability and protection

Reduces noise to operate even in quieter surroundings

Prevents fuel leakage, keeps site free from hazard

Aids seamless, interruption-free operation of the generator

Lifting beam facilitates vertical lifting and placing in tight spaces

Suitable for offshore service applications

Prevents fire and ingress of foreign matter

Prevents unauthorised access without loss of monitoring

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

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

GENERATORS

- 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.

