



600 kVA canopied generator

Dual certified T4F/StageV - XDWN Series

Our dual Tier4F Stage V 600 kVA canopy generator helps you increase performance and cut your emissions by up to 95%*. It adapts to your needs being switchable from 50 to 60 Hz and works seamlessly on alternative fuels such as HVO (Hydrotreated Vegetable Oil), further reducing local air quality impacts. The generators are driven by data too, resulting in more efficient service assessments and wider information gathering. The generators are also built with Arc Flash detection, Ingress Protection Anti Moisture Louvres and a new HMI Interface all adding up to a safe, reliable, clean and efficient product that will benefit your business.

* Compared to a Stage IIIA generator.

ELECTRICAL OUTPUT	50 Hz	60 Hz
CONTINUOUS POWER (kW/kVA)	409.1/511.375	427.0/533.75
PRIME POWER (kW/kVA)	456.0/570	552.0/690
FUEL STOP POWER/STANDBY	500.0/625	606.2/757.75

Technical data*

600 kVA GENERATOR

MAXIMUM AMBIENT TEMPERATURE 45°C/113°F (50 Hz)
45°C/113°F (60 Hz)

BATTERY VOLTAGE (50 Hz) 24.0 Volts

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CERTIFICATION

EMISSIONS CERTIFICATE EU STAGE V R03001771-1

EMISSIONS CERTIFICATE US EPA R03001772-1

EMISSIONS CERTIFICATE US CARB R03001773-1

PHYSICAL DATA

LENGTH / WIDTH / HEIGHT	5.16m / 1.9m / 2.9m	
WEIGHT (WITHOUT FUEL)	8782kg	
WEIGHT (WITH FUEL)	10650kg	
FUEL CONSUMPTION	50 Hz	60 Hz
100% PRIME POWER	130 l/hr	141.2 l/hr
75% PRIME POWER	97.5 l/hr	106.5 l/hr
50% PRIME POWER	66.4 l/hr	73.5 l/hr

*Equipment supplied may vary slightly

EMISSIONS DATA
(@100% LOAD)

NOx (OXIDES OF NITROGEN)	TA-LUFT 50 Hz g/kWhr	EPA 60 Hz g/kWhr
PM (PARTICULATE MATTER)	0.17	0.4g
CO (CARBON MONOXIDE)	0.012	0.0137
HC (UNBURNT HYDROCARBONS)	0.043	0.066
	0.007	0.013

NOISE DATA

	50 Hz	60 Hz
SOUND POWER EEC	100	-
SOUND PRESSURE AT 1M	81.5 dBA	81.6 dBA
SOUND PRESSURE AT 7M	73.1 dBA	72.4 dBA

FEATURES

Designed and assembled to Aggreko's standards
Bolted, galvanised, alloy steel canopy with lockable doors
Acoustically designed equipment
Low fuel level warning sensor in fuel tank
Forklift pockets in base frame and lifting beam on top
Optional 2-point lifting arrangement

BENEFITS

Reduced emissions and compliant with the latest EU Stage V regulations
New aftertreatment system making it more efficient than the previous generation of diesel engines
Flexible 50 and 60 Hz units
Data driven, which allows better remote information – smarter servicing
Works perfectly on alternative fuels as HVO
Arc Flash detection and ingress protection moisture louvres, giving better protection of the internal components of the canopy from the environment
Range of warnings and shutdowns on control system 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

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.

