



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

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

BATTERY VOLTAGE (50 Hz) 24.0 Volts

BATTERY VOLTAGE (50 Hz) 24.0 Volts

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) | | |
|-----------------------------|-------------------------|---------------------|
| | TA-LUFT 50 Hz g/kWhr | EPA 60 Hz g/kWhr |
| NOx (Oxides of Nitrogen) | 0.17 | 0.4g |
| PM (Particulate Matter) | 0.012 | 0.0137 |
| CO (Carbon Monoxide) | 0.043 | 0.066 |
| HC (Unburnt Hydrocarbons) | 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.

