



Generator Set Technical Specification Sheet

Model: GSW 375

General Features:

| | 3 Phase | | 1 Phase | |
|--|--------------|-------|---------|-------|
| Emergency standby power | 412 | kVA | | kVA |
| | 330 | kW | | kW |
| Continuous power | 376 | kVA | | kVA |
| | 301 | kW | | kW |
| Power factor | 0.8 | Cosfi | | Cosfi |
| Nominal voltage | 400 Y | Volt | | Volt |
| Nominal frequency | 50 | Hz | | Hz |
| Alternator connections | Star | | | |
| Prime power according to ISO 3046 (ICN2) at variable load measured at 300 m a s l & 25°C ambient temperature | | | | |

Engine:

| | | | | |
|-------------------------------------|---|---------------|--|--|
| Brand / Model | Volvo / TAD 1241 GE | | | |
| Type / Stroke | Diesel / 4 stroke | | | |
| Number of cylinders / Configuration | 6 / in-line | | | |
| Cubic capacity | ltr | 12.130 | | |
| Aspiration | Turbo-charged / Air to Air Charge Air Cooler | | | |
| Cooling system | Water | | | |
| Starting system / voltage | Electric / 24 | | | |
| RPM | rpm | 1500 | | |
| Horsepower Prime | kW | 323 | | |
| Oil capacity | Litres | 35.0 | | |
| Fuel consumption 75% load | Litres/h | 57.10 | | |
| Governor | Electronic to G3 | | | |

Alternator:

| | | | | |
|-----------------------|---|-------------------|--|--|
| Brand / Model | Stamford HCKI 444 F | | | |
| Number of poles / rpm | 4 pole / 1500 rpm | | | |
| Voltage / Frequency | Volts / Hz | 400 Y / 50 | | |
| Nominal power | kVA | 427.0 | | |
| Power factor | Cosfi | 0.8 | | |
| Active power | kW | 342.0 | | |
| Efficiency @ 75% load | % | 93.4 | | |
| Maximum overload | 10% for 1 hour in every 6 hours of operation | | | |
| Voltage regulator | Electronic ±1% with engine speed ±4% | | | |

General Installation Data:

| | | |
|------------------------------|---------------------|--------------|
| Combustion air flow | m ³ /min | 23.5 |
| Cooling air airflow | m ³ /min | 228.0 |
| Exhaust gas flow | m ³ /min | 58.0 |
| Exhaust gas temperature | °C | 505 |
| Exhaust system back pressure | mbar | 100 |

Overall Dimensions & Weight:

| | | | Open Set | | Canopy Set |
|-------------------------------|--------|-------------|----------|--|-------------|
| Length | mm | 3000 | | | 4000 |
| Width | mm | 1100 | | | 1600 |
| Height | mm | 2000 | | | 2250 |
| Weight | kg | 3010 | | | 4160 |
| Fuel tank capacity | Litres | 525 | | | 620 |
| Run time on full tank of fuel | h | 9.2 | | | 10.7 |
| Noise Level @ 7 mtrs | dB(A) | | | | 74 |

The specifications quoted above are a guide only and in line with our policy of continuous product development, we reserve the right to vary the specifications at any time without notice