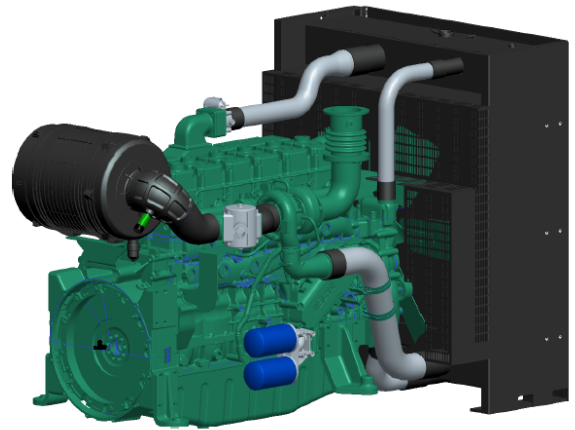


G-Drive Gas Engine- WP13NG Series

General Specifications

| | |
|-------------------|---------------------|
| Bore & Stroke | 127x165 mm |
| Displacement | 12.54 L |
| Cylinder Number | 6 |
| Compression Ratio | 11.6:1 |
| Fuel System | Proportional Mixing |
| Governor Method | ECU |
| Aspiration | TA |
| Emission Standard | EU Stage IIIA |



| Engine Speed | Engine Output | | Typical Generator Output |
|--------------|---------------|--------------|--------------------------|
| | COP/PRP | Standby(ESP) | |
| RPM | kW | kW | kWe/kVA |
| 1500 | 260 | 286 | 230/287.5 |

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|--------------|---------------|--------------|--------------------------|
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Standard Equipment

Engine and block

- Cast iron frame style body structure
- One-piece forged crankshaft
- Separate cast iron cylinder heads and replaceable dry cylinder liners
- Big volume gallery oil cooling piston, bear higher combustion temperature and take more heat away

Cooling system

- Radiator and hoses supplied separately
- Thermostatically-controlled system with poly belt driven coolant pump and pusher fan

Lubrication system

- Flat bottom large capacity oil pan (36 L)
- Spin-on full-flow lub oil filter
- High capacity gear driven lube oil pump

Fuel system

- Unique and patented mixing system to control air-fuel ratio and get better lean-burn combustion effect
- Weichai special Electronic Control Unit System to improve combustion efficiency
- High-reliability ignition plug and ignition wire system

Air intake and exhaust system

- High grade steel valve seat ring and air intake & exhaust valve with high-reliability
- Special rear mounted air filter with restriction indicator

Electrical system

- 24V electric starter motors and battery charging alternator

Flywheel and housing

- SAE1 flywheel housing and 14" flywheel

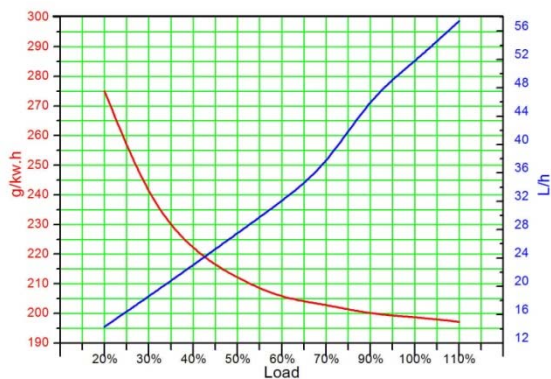
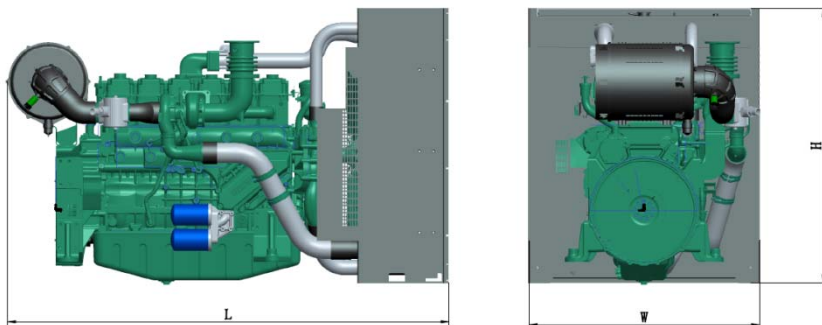
Optional Equipment

- Radiator for tropical environment (50°C)
- Water separated filter
- Immersion heater with thermostat
- CE certificate and nameplate
- Manual drawing off oil pump
- Tool Kits

| | Continuous Power(COP) | Prime Power(PRP) | Standby Power(ESP) |
|-------------------------|-----------------------|----------------------------|--------------------|
| Mean engine load factor | 100% | ≤70% per 250 h | ≤80% per 24 h |
| Annual working time | Unlimited | Unlimited | ≤200 h |
| Time at full load | Unlimited | ≤500 h per year | ≤25 h per year |
| Overload capacity | No | 1 h per 12 h(10% overload) | No |

Dimensions and Weight

| | |
|------------|---------|
| Length | 2172 mm |
| Width | 1133 mm |
| Height | 1358 mm |
| Dry Weight | 1020kg |



WP13D286E200-260kW/1500rpm

Power definition

Standard ISO 3046/1 -1995(F)

Reference conditions

| | |
|---------------------|---------|
| Ambiant temperature | 25 °C |
| Barometric pressure | 100 kPa |
| Relative humidity | 30% |

Lube oil

| | |
|-----------------|-----------|
| Recommend grade | CF 15W/40 |
|-----------------|-----------|

Distributed By:

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