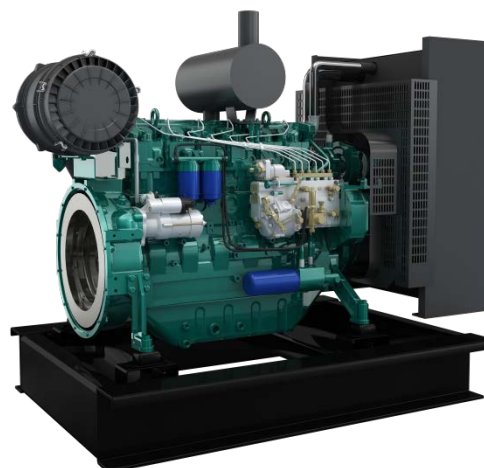


G-Drive Engine- WP6 Series

General Specifications

Bore & Stroke	105x130 mm
Displacement	6.75 L
Cylinder Number	6
Compression Ratio	18:1
Fuel System	Mechanical Pump
Governor Method	Mechanic/Electronic
Aspiration	TA
Emission Standard	EU Stage II



Engine Speed (rpm)	Engine Output		Typical Generator Output kWe/kVA
	Prime(PRP)	Standby(ESP)	
	kW	kW	
1500	120	132	100/125
1500	138	152	120/150

Engine Speed (rpm)	Engine Output		Typical Generator Output kWe/kVA
	Prime(PRP)	Standby(ESP)	
	kW	kW	
1800	120	132	100/125
1800	144	158	120/150

Standard Equipments

Engine and block

- Cast iron gantry type structure block
- One-piece forged Crankshaft
- Separate cast iron cylinder heads and wet liners
- Aluminium alloy pistons with gallery oil cooling

Cooling system

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

Lubrication system

- Flat bottom large capacity oil pan (20 L)
- Spin-on full-flow lub oil filter
- Special design connector for oil heater and drawing off oil pump

Optional Equipments

Radiator for tropical environment (50°C); Shutoff solenoid mounted on the fuel pump; Water separated filter;

Immersion heater with thermostat; Air heater for cold start; 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(Max. load ≤0.85PRP)	≤500 h per year	≤25 h per year
Overload capacity	No	1 h per 12 h(10% overload)	No

Fuel system

- P type fuel injection pump and injector for higher inject pressure
- Duplex fine filter and large capacity pre-filter for better efficiency

Intake air and exhaust system

- Mid-position and below inlet turbocharger optimized for industrial application
- Special rear mounted air filter with restriction indicator
- High performance silencer as standard
- Stainless steel exhaust manifold cover for heat isolating

Electrical system

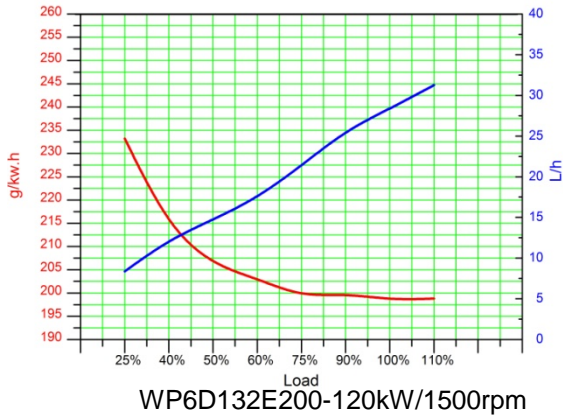
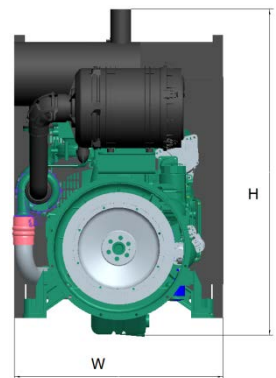
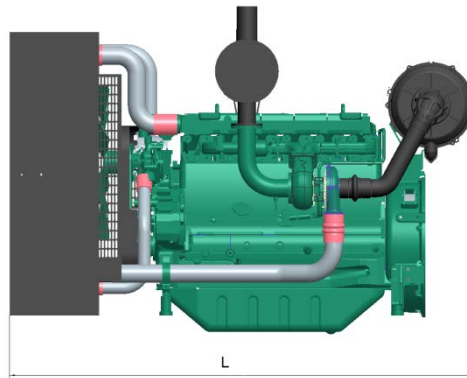
- 24V electric starter motors and battery charging alternator
- Standard sensor connector

Flywheel and housing

- SAE3 flywheel housing and SAE 11.5 size flywheel

Dimensions

Length	1802 mm
Width	803 mm
Height	1264 mm
Weight	700 kg



Power definition

Standard ISO 3046/1 -1995(F)

Reference conditions

Ambiant temperature	25 °C
Barometric pressure	100 kPa
Relative humidity	30%
Raw water temperature	25 °C

Fuel oil

Relative density	0,840 ± 0,005
Lower calorific power	42 700 kJ/kg
Consumption tolerances	0 ± 5 %

Lube oil

Recommend grade	CD 15W/40
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