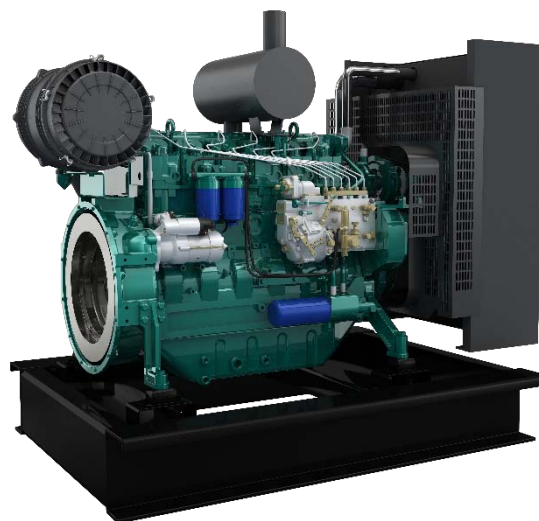


P-Drive Engine- WP6 Series

General Specifications

Bore & Stroke	105×130 mm
Displacement	6.75 L
Cylinder Number	6
Compression ratio	18:1
Fuel System	Mechanical Pump
Aspiration	TA



Model	Rated Power/Speed	Max Torque/Speed
	kW/r/min	N/m/r/min
WP6B120E200	120/1500	860/1200

Model	Rated Power/Speed	Max Torque/Speed
	kW/r/min	N/m/r/min
WP6B120E201	120/1800	735/1500
WP6B144E201	144/1800	880/1500

Standard Equipment

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

Fuel system

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

Air intake and exhaust system

- Turbocharger; Shutoff solenoid mounted on the fuel pump
- 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

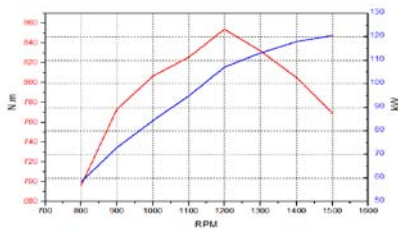
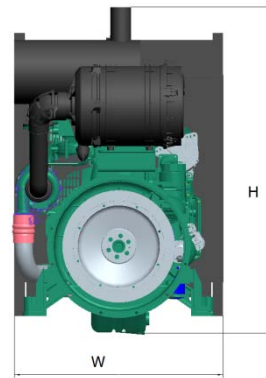
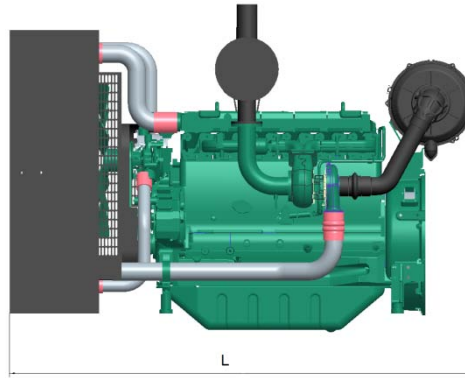
- SAE3 flywheel housing and 11.5" flywheel

Optional Equipment

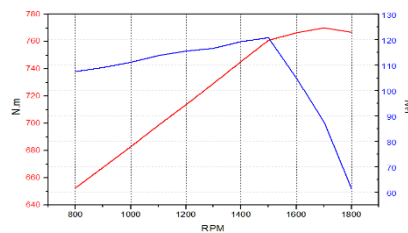
- Radiator for tropical environment (50°C)
- Water separated filter
- Immersion heater with thermostat
- Air heater for cold start
- Tool Kits
- Manual drawing off oil pump

Dimensions and Weight

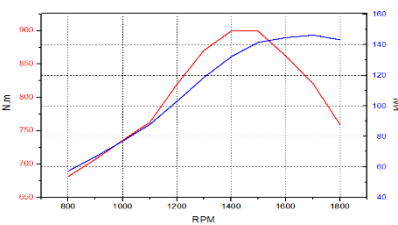
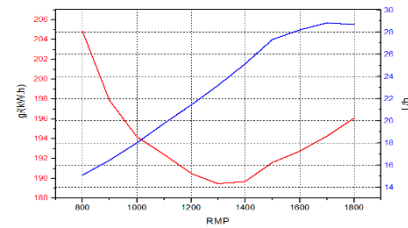
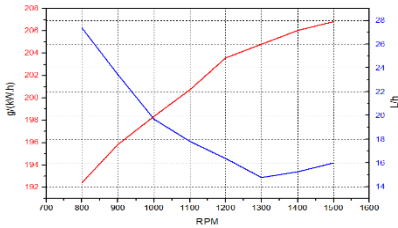
Length	1802 mm
Width	803 mm
Height	1264 mm
Weight	600 kg



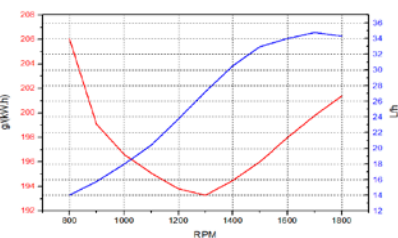
WP6B120E200



WP6B120E201



WP6B144E201



Power definition

Standard ISO 3046/1 -1995(F)

Reference conditions

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

Fuel oil

Relative density	0.840± 0.005
Lower calorific power	42 700 kJ/kg
Consumption tolerances	± 5 %

Lube oil

Recommend grade	CF 15W/40
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Distributed By:

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www.weichai.com

