



REAL EUROPEAN TECHNOLOGY
IMPORTED 欧洲科技 一脉传承

141kWm 1500rev/min
155.1kWm 1800rev/min

1100 SERIES
1106C-P6TAG3

Engine Advantages

Dependable Power

Lovol newly developed G-drive diesel engines of 1100 series provide better reliability and bigger power output, by adopting four-valve technology and strengthened major and moving components, such as cylinder block, cylinder head, crankshaft, connecting rod and so on. 1106C-P6TAG3 engine provides greater productivity through an improved power to weight ratio.

Without pre-heater device, engines can be normally started at the temperature of -10°C; With pre-heater device, engines can be normally started at the temperature of -30°C; Engine also has been designed with -40°C starting aid for excellent load acceptance to ensure your facility is powered quickly at all conditions. The maximum working environmental temperature for the engine is 55°C.

Low Operating Costs

Service intervals are set at 300 hours as standard. The most competitive warranty policy is also provided.

Flexibility

The 1100 series has been designed to hit all the main power nodes, perfect for rental business or to help reduce your engine inventory.

Professional Product Support

Through an experienced global network of distributors and dealers, fully trained engine experts deliver total service support and dedicate to maximizing the productivity of your engine.



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Standard Configuration

Induction system

Air filter,
turbocharger+intercooler

Fuel system

In-line pump +GAC governor
Spin-on full flow fuel filters
Pre-filter

Lubrication system

Flat aluminum oil sump
Spin-on full flow oil filters

Cooling system

Thermostat controlled by gear driven water pump
680mm belt-driven pusher fan
Radiator assy. (including air-air intercooler, tubes and fan)

Electrical system

12V Starter motor and alternator
12V stop solenoid
Oil pressure and water temperature sensor

Flywheel and housing

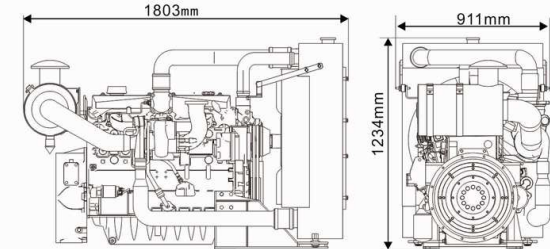
High inertia flywheel
SAE 3 or SAE2 flywheel housing

Accessory

Front engine mountings

Options

24V Alternator
24V Starter motor



Main parameters

Number of cylinders	6
Arrangement of cylinders	In-line
Bore × stroke	100 mm × 127 mm
Displacement (L)	5.98
Aspiration	Turbocharged and intercooled
Cycle	4-stroke
Combustion system	Direct injection
Compression ratio	17.5:1
Total lubrication capacity	19.3L
Total coolant capacity (inc. radiator)	36.3L
Length	1803mm
Width	911mm
Height	1234mm
Dry weight	800kg

Engine Speed (rev/min)	Operation Type	Typical Generator Output (Net)		Engine Power			
				Gross		Net	
		kVA	kWe	kW	bhp	kW	bhp
1500	Prime Power	160	130	150	203.9	141	191.7
	Standby (Max)	180	143	164.1	223	155.1	210.7
1800	Prime Power	174	140	168	288	155.1	210.8
	Standby (Max)	192	154	183.5	249	170.6	231.8

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All information in this document is substantially correct at time of printing and may be altered subsequently.

