



REAL EUROPEAN TECHNOLOGY  
IMPORTED 欧洲科技 一脉传承



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158.4kWm 1500rev/min  
174.2kWm 1800rev/min

1100 SERIES  
1106C-P6TAG4

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### 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-P6TAG4 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.



#### 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 fin)

##### Electrical system

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

##### Flywheel and housing

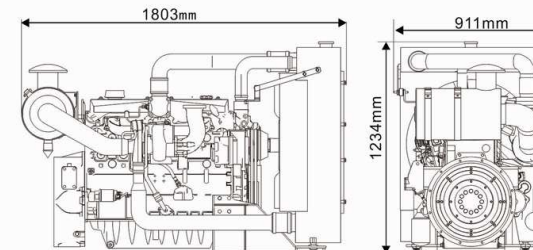
High inertia flywheel  
SAE 3 or SAE2 flywheel housing

##### 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	911 mm
Height	1234 mm
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	180	146	168	228.3	158.4	215
	Standby (Max)	200	160	183.6	249.5	174	236
1800	Prime Power	196	157	186	253	174.2	237
	Standby (Max)	216	173	203.4	276	191.7	261



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All information in this document is substantially correct at time of printing  
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