



REAL EUROPEAN TECHNOLOGY  
IMPORTED 欧洲科技 一脉传承

130kWm 1500rev/min  
143kWm 1800rev/min

1100 SERIES  
1106C-P6TAG2

#### 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-P6TAG2 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.



REAL EUROPEAN TECHNOLOGY  
IMPORTED 欧洲科技 一脉传承

#### 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  
635mm 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

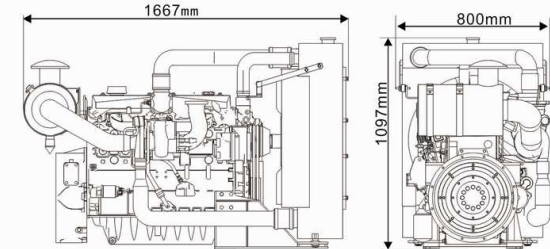
High inertia flywheel  
SAE 3 flywheel housing

##### 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)	27.9L
Length	1667mm
Width	800mm
Height	1097mm
Dry weight	780kg

WWW.AREFDIESEL.COM

Engine Speed (rev/min)	Operation Type	Typical Generator Output (Net)		Engine Power			
				Gross		Net	
		kVA	kWe	kW	bhp	kW	bhp
1500	Prime Power	150	120	138	187.6	130	176.8
	Standby (Max)	170	132	151	205.3	143	194.5
1800	Prime Power	160	129	155	210.6	143	194.3
	Standby (Max)	180	142	169.3	230	157.3	213.8

Tianjin Engine Factory of Lovol Tianjin Heavy Industry Group Co., Ltd.  
77 Gaoxin Avenue, Beichen district, Tianjin.  
Tel: +86(0)22 26996802  
Fax: +86(0)22 86993260  
Email: lovolenines@lovolenines.com  
www.lovolenines.com

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



AREFDIESEL PARS  
تلفن: +86(0)22 26996802  
WWW.AREFDIESEL.COM