LOVOL

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℃; With pre-heater device, engines can be normally started at the temperature of -30℃; Engine also has been designed with -40℃ 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℃.
- **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.

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

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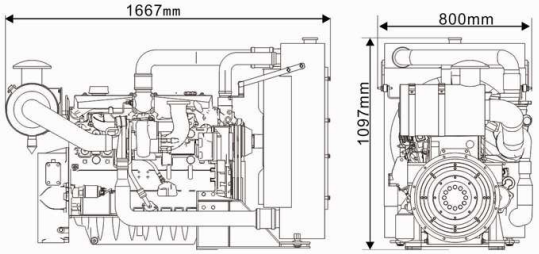
Standard Configuration
Induction system
Air filter,
turbocharger+intercooler
Fuel system
In-line pump +GAC governor
Spin-on full flow fuel filters
Pre-filter
Lubrication system
Flat aluminum oil sump
Spin-on full flow oil filters
Cooling system
Thermostat controlled by gear driven water pump
635mm belt-driven 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-stoke
Combustion system	Direct injection
Compression ratio	17.5:1
Total lubrication capacity	19.3L
Total coolant capacity (inc. radiator)	27.9L
Length	1667mm
Width	800 mm
Height	1097 mm
Dry weight	780kg