



REAL EUROPEAN TECHNOLOGY  
IMPORTED 欧洲科技 一脉传承

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

1100 SERIES  
1106C-P6TAG4

**Engine Advantages**

■ **Dependable Power**

Loyal 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.



Engine Speed (rev/min)	Operation Type	Typical Generator Output (Net)		Engine Power			
		kVA	kWe	kW	bhp	kW	Net 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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**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**

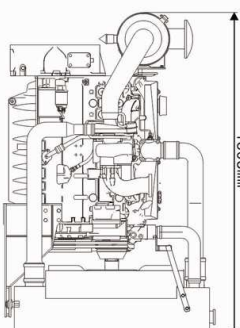
Front engine mountings

**Options**

24V Alternator

24V Starter motor

1803mm



1234mm

911mm

**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

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