

## Main Features

### Enhanced Power

1100 series engines are developed based on the original 1000 series, through cooperation with Austrian AVL, adopted 4-Valve technology, by strengthening key structural parts and moving parts, such as, cylinder block, cylinder head, crankshaft, connecting rod etc. The power performance is increased significantly.

### Low Fuel Consumption

European patent combustion chamber can reduce fuel consumption, emission and noise, meanwhile raise engine power.

### Good Performance Of Cold Start

Start normally at -10°C without preheating device. Start smoothly at -25°C through flame preheating device.

### Ambient Temperature

The engine is workable under 55°C.

### Main parameters

<b>Prime power(Kw)1500rpm</b>	158.4	<b>Standby power(Kw)1500rpm</b>	174
<b>Prime power(Kw)1800rpm</b>	174	<b>Standby power(Kw)1800rpm</b>	191.7
<b>Cylinder number</b>	6	<b>Cylinder arrangement</b>	In line
<b>Bore x stroke(mm)</b>	100mmX127mm	<b>Displacement(L)</b>	5.98
<b>Aspiration:</b>	Turbocharged & air-to-air intercooled	<b>Cycle:</b>	4-stroke
<b>Combustion system:</b>	Direct injection	<b>Compression ratio:</b>	17.5:1
<b>Total lubrication capacity(L)</b>	19.3	<b>Total coolant capacity(inc. radiator) (L)</b>	36.3
<b>Overall dimensions LxWxH(mm)</b>	1803x 911x 1234	<b>Dry weight(Kg):</b>	800

## 1100 Series Engine: 1106C-P6TAG4

