



INHERITING FROM THE WORLD'S  
LEADING TECHNOLOGY

## 1006TAG

POWER PACK  
IN-LINE PUMP

121 kWm 1500 rev/min  
134 kWm 1800 rev/min  
GENSET POWER

- High Power Density  
Power output and Torque per liter are superior to normal level with optimized structure strengthening.
- Low Fuel Consumption  
The excellent combustion system can reduce fuel consumption, emission and noise, meanwhile increase engine power output.
- Easy Maintenance  
All routine service items are situated on the right hand side of engine allowing easy maintenance and minimum machine downtime.



- Durability & Reliability  
Start normally at -10°C without preheated device, start smoothly at 25°C through flame glow plug cold start aid.  
Maximum cooling efficiency is provided by a gear driven water pump and independent fan drive. Leak free operation is ensured by Viton crankshaft seals and sophisticated controlled swell joints, giving protection in the toughest conditions.

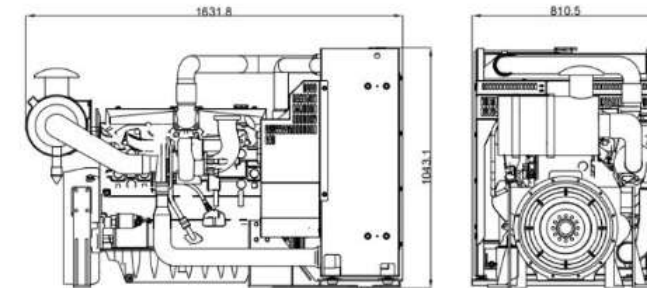
Engine Speed (rev/min)	Type of Operation	Typical Generator Output (Net)		Engine Power			
				Gross		Net	
		kVA	kW	kWm	bh	kWm	bh
1500	prime power	136	109	128	171.52	121	162.14
	standby power	151	121	141	188.94	133.5	178.89
1800	prime power	151	121	145	194.3	134	179.56
	standby power	165	132	158	211.72	147	159.8

Rating Base: ISO 8528, GB/T2820  
Lubricating oil: API CF



INHERITING FROM THE WORLD'S  
LEADING TECHNOLOGY

- Standard Specification**  
Air inlet  
Mounted air filter and turbocharger
- Fuel system**  
In-line fuel injection pump  
Spin-on full flow fuel filter and pre-filter
- Lubrication system**  
Flat bottomed aluminum sump Spin-on full flow oil filter Oil cooler
- Cooling system**  
Thermostat controlled cooling system with gear driven water pump  
Radiator  
22" belt-driven pusher fan and guards
- Electrical system**  
12 volt starter motor and alternator Oil pressure and water temperature switch & sensor  
12 volt shut down solenoid
- Flywheel and housing**  
High inertia flywheel, size : 10/11 vz  
SAE3 flywheel housing
- Mountings**  
Front engine mounting bracket
- Optional Equipment**  
24 volt alternator  
24 volt starter motor



### General Data

Cylinder number	6
Cylinder arrangement	Vertical, in-line
Bore*stroke	100 mm × 127 mm
Displacement	5.99 liters
Induction	Turbocharged&Intercooled
Cycle	4-stroke
Combustion system	Direct injection
Compression ratio	17.5:1
Direction of Rotation	Clockwise viewed from fan
Lub. System Capacity	16.1 liters
Coolant capacity (inc. radiator)	31.5 liters
Length	1631.8mm
Width	810.5mm
Height net	1043.1 mm
weight	740 kg

Final weight and dimensions will depend on final specification.

