

# 200 KVA

## INHERITING FROM THE WORLD'S LEADING TECHNOLOGY

### E6104-P176A

GENSET POWER	
176 kWm	1500 rev/min

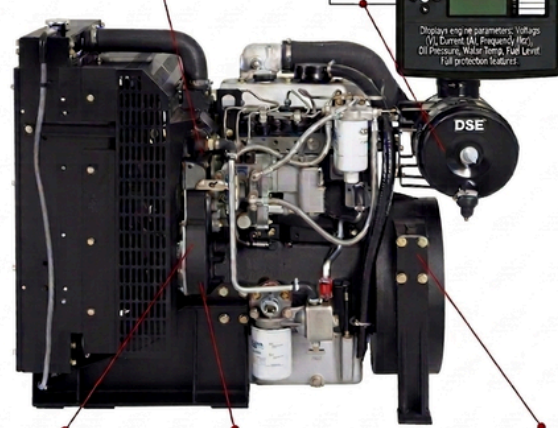
**EVOL ENGINE OVERVIEW**  
Model: E6104-P176A  
Induction: Turbocharged & Intercooled

**Performance:** An excellent combustion system increases power output. Reductions in fuel, emissions, and noise are significant. All routine service points are accessible.

**MAJOR COMPONENTS**

**CONTROL PANEL**  
Deep Sea Electronics  
**DSE**

Display engine parameters: Voltage, Oil, Current, RPM, Frequency, Hz, Oil Pressure, Water Temp, Fuel Level, Full protection features!



**Technical Specifications**

Cylinder Number: 6  
Bore & Stroke: 100 x 127mm  
Coolant Cap (w/rad): 31.5 liters  
Lub. System Capacity: 16.1 liters  
Net Weight: ~780 kg

**PERFORMANCE & POWER RATINGS**

**At 1500 rev/min**  
Prime: 176 kWm (236 bhp)  
Standby: 194 kWm (260 bhp)

**Standard Equipment & Systems**

- Fuel system: In-line fuel injection pump
- Fuel Filter: Spin-on full flow fuel filter
- Lub. System Capacity: 16.1 liters
- Coolant Capacity: 31.5 liters (including Radiator)
- Radiator: Radiator
- Fan: 22" belt-driven pusher fan and guards

## ENGINE KEY FEATURES & PERFORMANCE

### High Power Density:

Power output and torque per liter are superrorto normal level with optimized structure strengthening.

### Low Fuel Consumption:

The excellent combustion system can reduce fuel consumption, emrssion and noise, meanwhile increase engine power oulput.

### 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 -10c without preheated device, start smoothly at -25c through flame glow plug cold start aid. Maximum cooling efficiency is provided by a gear driven water pump and independentfan 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)	Typical Generator Output (Net)	Engine Power Gross	Engine Power Gross	Engine Power Net	Engine Power Net
		kVA	kW	kWm	bh	kWm	bh
1500	prime power	200	160	185	248	176	236
	standby power	220	176	203	272	194	260
1800	prime power	-	-	-	-	-	-
	standby power	-	-	-	-	-	-

## STANDARD SPECIFICATION

**Air inlet:** Mounted air filter

**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:** 20" belt-driven pusher fan and guards

**Electrical system:** 12 volt starter motor and alternator Oil pressure and water temperature switch & sensor

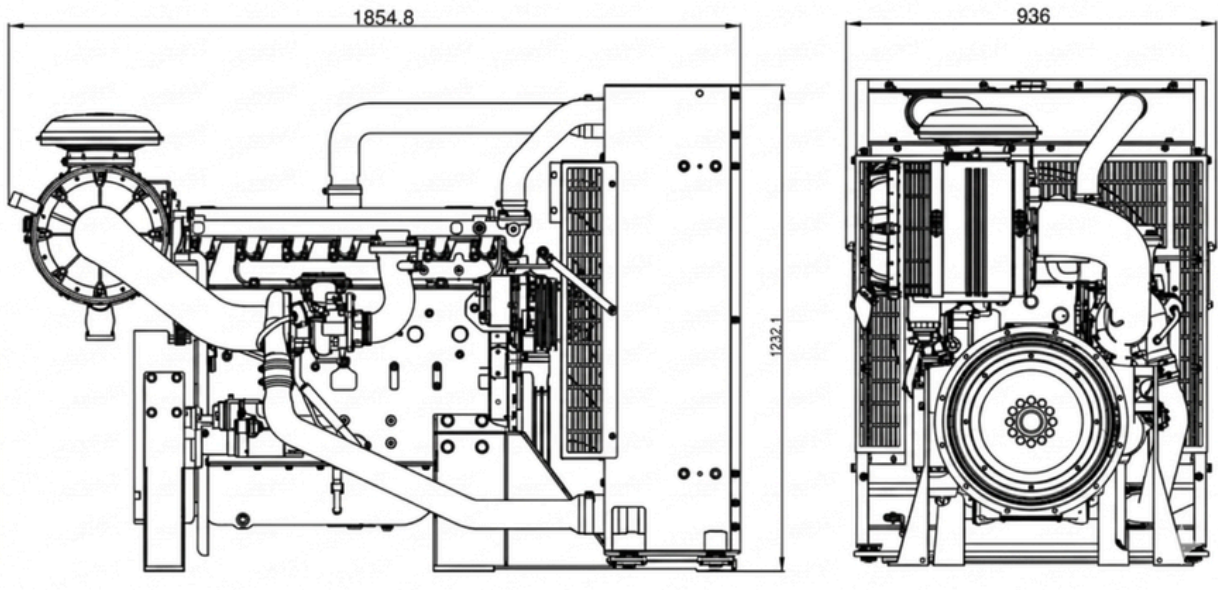
12 volt shut down solenoid

**Flywheel and housing:** High inertia flywheel, size : 10/11vz SAE3 flywheel housing

**Mountings:** Front engine mounting bracket

Optional Equipment

- 24 volt alternator
- 24 volt starter motor



## GENERAL SPECIFICATION

SPECIFICATION	DETAILS
Cylinder number	6
Cylinder arrangement	Vertical, in-line
Bore/stroke	100mm \ 127 mm
Displacement	6.67 liters
Induction	Turbocharged & Intercooled
Cycle	4-stroke
Combustion system	Direct injection
Direction of Rotation	Clockwise viewed from fan
Lub. System Capacity	16.1 liters
Coolant capacity (inc. radiator)	36.5 liters
Length	1854.8mm
Width	936mm
Height net	1232.1 mm
weight	880 kg
Final weight and dimensions will depend on final specification.	