

Product Specifications for 2806J-E18TAG1



Gross Mechanical Output	559 kWm
Rated Speed	1500 rpm
Prime	554kVA
Standby	610kVA
Prime	455 kW _e
Standby	500 kW _e
Emissions	EU Stage V
Number of Cylinders	6 vertical inline
Bore	145 mm
Stroke	183 mm
Displacement	18.1 l
Compression Ratio	16.0:1
Aspiration	Turbocharged aftercooled
Combustion System	Mechanical electronic unit injection
Rotation from Flywheel End	Anti-clockwise

Cooling System	Liquid
Aftertreatment	DOC+DPF+SCR
Typical Alternator Efficiency	95%

Switchable yes

Length	2457 mm
Width	1520 mm
Height	1985 mm

Dry Weight 2065 kg

Length	2458 mm
Width	1520 mm
Height	1741 mm

Dry Weight 2065 kg

Length	1106 mm
Width	1164 mm
Height	695 mm

Weight 263 kg

Note 1

*Final dimensions dependent on selected options

Prime Power

Variable load. Unlimited hours usage with an average load of 70% of the published prime power rating. A 10% overload is available for 1 hour in every 12 hour of operation.

Standby Power

Variable load. Limited to 500 hours annual usage up to 300 hours of which may be continuous running. No overload is permitted.

2806J-E18TAG1 Standard Equipment

Air inlet system

Mounted air filter

Mounted air filter

Cooling system

Gear-driven circulating pump

Mounted belt-driven pusher fan

Radiator incorporating air-to-air charge cooler, (supplied loose)

System designed for ambients up to 50°C (122°F)

Electrical equipment

3 level engine protection system

24 volt starter motor and 24 volt 115 amp alternator with DC output

ECM mounted on engine with wiring looms and sensors

Flywheels and flywheel housing

High inertia flywheel to SAE J620 size 14

SAE No. 1 flywheel housing

Fuel system

Fuel cooler

Governing to ISO 8528-5 class G2 with isochronous capability

Mechanically actuated electronically controlled unit fuel injectors with full authority electronic control

Replaceable spin on fuel filter elements with primary filter/water separator

Mountings

Front engine mounting bracket

Oil system

Full-flow replaceable filter

Oil cooler integral with filter header

Wet sump with filler and dipstick

Optional equipment

110 volt/240 volt immersion heater

Additional speed sensor

Air filter rain hood

Temperature and pressure sensors for gauges

Tool kit

Twin starters/facility for second starter

