

PRODUCT SPECIFICATIONS FOR 2806C-E18TAG

TOTAL POWER RANGE

Gross Mechanical Output	532-678 kWm
Typical Electrical Output	591-750 kVA (473-600 kW _e)
Rated Speed	1500/1800 rpm

50 HZ TYPICAL ELECTRICAL OUTPUT

Prime	591-600 kVA
Standby	650 kVA

60 HZ TYPICAL ELECTRICAL OUTPUT

Prime	500-545 kW _e
Standby	550-600 kW _e

EMISSION STANDARDS

Emissions	EU Stage II/U.S. EPA Tier 2
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GENERAL

Number of Cylinders	6 vertical inline
Bore	145 mm
Stroke	183 mm
Displacement	18.1 l

Compression Ratio	15.9:1
Aspiration	Parallel Turbocharged and air-to-air charge cooled
Combustion System	Direct injection
Rotation from Flywheel End	Anti-clockwise
Cooling System	Liquid
Aftertreatment	-
Typical Alternator Efficiency	92%
Switchable	Yes

ELECTROPAK DIMENSIONS

Length	2545 mm
Width	1536 mm
Height	1808 mm
Dry Weight	2050 kg

DISCLAIMER

Note 1	*Final dimensions dependent on selected options
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DEFINITIONS

Prime Power	Variable load. Unlimited hours usage with an average load factor of 80% of the published prime power rating over each 24 hour period. A 10% overload is available for 1 hour in every 12 hours 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.

2806C-E18TAG STANDARD EQUIPMENT

AIR INLET SYSTEM

Mounted air filter

COOLING SYSTEM

Gear driven circulating pump

Low coolant level switch

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 70 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 18

SAE No. 0 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 'Ecoplus' fuel filter elements with primary filter/water separator

MOUNTINGS

Front engine mounting bracket

OIL SYSTEM

Full flow replaceable 'Ecoplus' 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