

PRODUCT SPECIFICATIONS FOR 2506D-E15TAG

TOTAL POWER RANGE

Gross Mechanical Output	458-497 kWm
Typical Electrical Output	500-550 kVA (400-440 kW _e)
Rated Speed	1500/1800 rpm

50 HZ TYPICAL ELECTRICAL OUTPUT

Prime	500 kVA
Standby	550 kVA

60 HZ TYPICAL ELECTRICAL OUTPUT

Prime	400 kW _e
Standby	450 kW _e

EMISSION STANDARDS

Emissions	EU IIIA, U.S. EPA Tier 3, China III, India CPCBI
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GENERAL

Number of Cylinders	6 vertical inline
Bore	137 mm
Stroke	171 mm
Displacement	15.2 l

Compression Ratio	16:1/17:1
Aspiration	Turbocharged and air-to-air chargecooled
Combustion System	Direct injection
Rotation from Flywheel End	Anti-clockwise
Cooling System	Liquid
Aftertreatment	-
Typical Alternator Efficiency	92%
Switchable	No

ELECTROPAK DIMENSIONS

Length	2657 mm
Width	1120 mm
Height	1718 mm
Dry Weight	1799 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.

2506D-E15TAG STANDARD EQUIPMENT

AIR INLET SYSTEM

Mounted air filter

COOLING SYSTEM

Gear-driven circulating pump

Mounted belt-driven 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 14

SAE ½ flywheel housing

FUEL SYSTEM

Fuel cooler

Governing to ISO 8528-5 class G3 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

Closed circuit crankcase ventilation system

Temperature and pressure sensors for gauges

Tool kit

Twin starters/facility for second starter