

# PRODUCT SPECIFICATIONS FOR 2806D-E18TAG

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## TOTAL POWER RANGE

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<b>Gross Mechanical Output</b>	540 - 593 kWm
<b>Typical Electrical Output</b>	600 - 660 kVA (480-528 kWe)
<b>Rated Speed</b>	1500 rpm

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## 50 HZ TYPICAL ELECTRICAL OUTPUT

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<b>Prime</b>	600 kVA
<b>Standby</b>	660 kVA

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## EMISSION STANDARDS

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<b>Emissions</b>	India CPCBII, China III
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## GENERAL

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<b>Number of Cylinders</b>	6 vertical inline
<b>Bore</b>	145 mm
<b>Stroke</b>	183 mm
<b>Displacement</b>	18.1 l
<b>Compression Ratio</b>	18.0:1
<b>Aspiration</b>	Turbocharged and air-to-air charge cooled
<b>Combustion System</b>	Direct injection
<b>Rotation from Flywheel End</b>	Anti-clockwise
<b>Cooling System</b>	Liquid

<b>Aftertreatment</b>	-
<b>Typical Alternator Efficiency</b>	92%
<b>Switchable</b>	No

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**ELECTROPAK DIMENSIONS**

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<b>Length</b>	2408 mm
<b>Width</b>	1455 mm
<b>Height</b>	1805 mm
<b>Dry Weight</b>	2079 kg

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**DISCLAIMER**

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<b>Note 1</b>	*Final dimensions dependent on selected options
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**DEFINITIONS**

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<b>Prime Power</b>	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.
<b>Standby Power</b>	Variable load. Limited to 500 hours annual usage up to 300 hours of which may be continuous running. No overload is permitted.

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## 2806D-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

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 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

Spin-on primary, secondary and water filter separator

#### MOUNTINGS

Front engine mounting bracket

#### OIL SYSTEM

Full flow spin-on filters

Oil cooler integral with filter header

Wet sump with filler and dipstick