

# PRODUCT SPECIFICATIONS FOR 4008D-E30TAG

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## TOTAL POWER RANGE

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<b>Gross Mechanical Output</b>	720-992 kWm
<b>Typical Electrical Output</b>	810-1010 kVA (648-808 kWe)
<b>Rated Speed</b>	1500 rpm

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## EMISSION STANDARDS

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<b>Emissions</b>	India CPCB II
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## GENERAL

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<b>Number of Cylinders</b>	8 inline
<b>Bore</b>	145 mm
<b>Stroke</b>	183 mm
<b>Displacement</b>	30.5 l
<b>Compression Ratio</b>	12.8:1
<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

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## ENGINE DIMENSIONS\*

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<b>Length</b>	3468 mm
<b>Width</b>	2194 mm

<b>Height</b>	1920 mm
<b>Dry Weight</b>	4217 kg

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## ELECTROPAK DIMENSIONS

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<b>Length</b>	2538 mm
<b>Width</b>	1691 mm
<b>Height</b>	2126 mm
<b>Dry Weight</b>	2361 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>	Power available at variable load in lieu of a main power network. Overload of 10% is permitted for one hour in every 12 hours of operation.
<b>Standby Power</b>	Power available at variable load in the event of a main power network failure. No overload is permitted.
<b>Baseload</b>	Unlimited hours usage with an average load factor of 100% of the published baseload power. No overload is permitted on baseload power.

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# 4008D-E30TAG STANDARD EQUIPMENT

## AIR INLET SYSTEM

Mounted air filter and turbocharger

## COOLING SYSTEM

Radiator supplied loose incorporating air-to-air charge cooler

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

Twin thermostats, water pump

#### ELECTRICAL EQUIPMENT

24V starter motor, 24V alternator with integral voltage regulator and DC output

High coolant temperature protection switch

Low oil pressure monitored through ECM

#### FLYWHEEL AND HOUSING

SAE '0' flywheel housing

SAE J620 size 18 flywheel

#### FUEL SYSTEM

Digital governing to ISO 8528-5 Class G2 with isochronous capability

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

Full flow spin-on filters

#### LUBRICATION SYSTEM

Full flow spin-on oil filters

Wet sump with filler and dipstick

#### OPTIONAL EQUIPMENT

Exhaust counter flanges

Immersion heater

Secondary electric start

Single exhaust outlet pipe