

PRODUCT SPECIFICATIONS FOR 404D-22TG

TOTAL POWER RANGE

Gross Mechanical Output	25-33 kWm
Typical Electrical Output	27-36 kVA (22-29 kW _e)
Rated Speed	1500/1800 rpm

50 HZ TYPICAL ELECTRICAL OUTPUT

Prime	27.4 kVA
Standby	30.1 kVA

60 HZ TYPICAL ELECTRICAL OUTPUT

Prime	26.3 kW _e
Standby	29 kW _e

EMISSION STANDARDS

Emissions	EU Stage IIIA/U.S. EPA Tier 4 interim
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GENERAL

Number of Cylinders	4 inline
Bore	84 mm
Stroke	100 mm
Displacement	2.2 l

Compression Ratio	23.3:1
Aspiration	Turbocharged
Combustion System	Indirect injection
Rotation from Flywheel End	Anti-clockwise
Cooling System	Liquid
Aftertreatment	-
Typical Alternator Efficiency	88-89%
Switchable	Yes

ELECTROPAK DIMENSIONS

Length	973 mm
Width	590 mm
Height	973 mm
Dry Weight	242 kg

DISCLAIMER

Note 1	*Final dimensions dependent on selected options
Note 2	ESE (1800 rpm - Certified model) only - Emergency Stationary Equipment

DEFINITIONS

Prime Power	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.
Standby Power	Power available at variable load in the event of a main power network failure. No overload is permitted.

404D-22TG STANDARD EQUIPMENT

AIR INLET SYSTEM

Mounted air filter

CONTROL SYSTEM

12 volt Electronic Shut Off Solenoid (ESOS) energised to run

12 volt starter motor and 12 volt 65 amp alternator with DC output

Glow plug cold start aid and heater/starter switch

Oil pressure and coolant temperature switches

COOLING SYSTEM

Thermostatically controlled system with belt driven coolant pump and pusher fan

Mounted radiator, piping and guards

FLYWHEEL AND FLYWHEEL HOUSING

High inertia flywheel to SAE J620 size 7½ heavy

Flywheel housing SAE 4 long

FUEL SYSTEM

Electronically governed cassette type fuel injection pump

Split element fuel filter

GENERAL

Front and rear engine mounting bracket

OIL SYSTEM

Wet steel sump with filler and dipstick

Spin-on full flow lubricating oil filter