

Product Specifications for 402D-05G

Gross Mechanical Output	4.6-5.1 kWm
Typical Electrical Output	4.8-5.3 kVA (3.9-4.2 kW _e)
Rated Speed	1800 rpm
Prime	3.9 kW _e
Standby	4.2 kW _e
Emissions	EU Stage IIIA/U.S. EPA Tier 3
Number of Cylinders	2 inline
Bore	67 mm
Stroke	72 mm
Displacement	0.51 l
Compression Ratio	23.5:1
Aspiration	Naturally aspirated
Combustion System	Indirect injection
Rotation from Flywheel End	Anti-clockwise
Cooling System	Liquid
Affertreatment	-

Alternator

Typical Alternator Efficiency	84.70%
Switchable	No
Length	571 mm
Width	442 mm
Height	625 mm
Dry Weight	73 kg
Note 1	*Final dimensions dependent on selected options
Note 2	ESE (1800 rpm) only - Emergency Stationary Equipment
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.

402D-05G 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 14 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

Radiator and hoses supplied separately

Flywheel and flywheel housing

1500/1800 rpm High inertia flywheel to SAE J620 Size 6½ Heavy Flywheel housing SAE 5 Long

3000 rpm High inertia flywheel to SAE J620 Size 6½ Light Flywheel housing SAE 5 Short

Fuel system

Mechanically governed cassette type fuel injection pump

Split element fuel filter

Oil system

Wet steel sump with filler and dipstick

Spin-on full-flow lubricating oil filter

