

PRODUCT SPECIFICATIONS FOR C13 ACERT™ (TIER 4 FINAL)

Minimum Rating	385 BHP
Maximum Rating	520 BHP
Aspiration	Turbocharged-Aftercooled
Displacement	762.8 in ³
Flywheel and Flywheel Housing	SAE 1
Flywheel Teeth	113
Stroke	6.18 in
Bore	5.12 in
Emissions	EPA Tier 4 Final and EU Stage IV
Length	50.1 in
Width	39.2 in
Height	44.6 in
Weight	2520 lb

C13 ACERT™ (TIER 4 FINAL) STANDARD EQUIPMENT

CONTROL SYSTEM

Electronic control system, over-foam wiring harness, automatic altitude compensation, power compensated for fuel temperature, remote fan control, configurable software features, engine monitoring system SAE J1939 broadcast and control, integrated Electronic Control Unit (ECU)

COOLING SYSTEM

Cooling package provides additional auxiliary heat load capacity capable of a minimum 10% of engine rated power. See the Web Ambient Tool (<https://wbdat.cat.com/>) for estimated ambient capability based on rating, fan drive ratio, fan, altitude and auxiliary heat load.

EXHAUST SYSTEM

Mid-mount turbocharged system with front and rear exhaust configurations

FLYWHEELS AND FLYWHEEL HOUSING

SAE No. 1 flywheel housing; available SAE 1 power take-off housing with optional SAE A, SAE B, and SAE C power take-off drives; engine power can also be taken from the front of the engine with optional attachments

FUEL SYSTEM

MEUI injection; primary fuel filter, secondary fuel filters, fuel transfer pump, electronic fuel priming

LUBE SYSTEM

Open crankcase ventilation system with fumes disposal (optional OCV filter system); oil cooler, oil filler, oil filter, oil dipstick, oil pump (gear-driven); choice of sumps (front, rear, and center)

GENERAL

Paint: Cat yellow

