

PRODUCT SPECIFICATIONS FOR C3.6



Maximum Power	100 kW
Maximum Torque	550 Nm @ 1500 rpm
Rated Speed	2000-2400 rpm
Minimum Power	55 kW
Emissions	U.S. EPA & CARB Tier 4 Final, EU Stage V
Engine Configuration	In-Line 4
Bore	98 mm
Stroke	120 mm
Displacement	3.6 l
Compression Ratio	17.0:1
Aspiration	Turbocharged-Aftercooled (TA)
Combustion System	Direct Injection
Rotation from Flywheel End	Counterclockwise
Aftertreatment	DOC+DPF or DOC+DPF+SCR
Length	667 mm

Width 564 mm

Height 787 mm

Weight - Net Dry - Basic Operating Engine Without Optional Attachments 381 kg

C3.6 STANDARD EQUIPMENT

CONTROL SYSTEM

Starter motor (12V or 24V)

Alternator (12V or 24V)

Electronic Control Unit (chassis mounted)

Engine control sensors and robust wiring harness

Data interface via CANbus J1939

FLYWHEELS AND FLYWHEEL HOUSING

Flywheel housings – SAE 3 or SAE 4

Choice of flywheel to match industry common hydraulic pumps and transmissions

Side PTO with SAE A or SAE B interface

FUEL SYSTEM

Fuel filter – preconnected but chassis mounted

With water sensor

LUBE SYSTEM

Lubricating oil filters

High incline oil pan – 35° continuous in all directions

GENERAL

Cold start capability to -20° C (-4° F) with standard equipment

Paint: Caterpillar yellow, with optional colors available at request

U.S. EPA TIER 4 FINAL, EU STAGE V AFTERTREATMENT/ CLEAN EMISSIONS CONTROL EQUIPMENT

CONTROL EQUIPMENT

Diesel Oxidation Catalyst (DOC)

Selective Catalytic Reduction (SCR)

SCR Auxiliaries