



Diesel Engine 12V 1600

For C & I and Mining Applications
EPA Tier 4 Certification

General

Bore mm (in)	122 (4.8)
Stroke mm (in)	150 (5.9)
Displacement l cu (in)	1.75 (107)
Displacement , total l cu (in)	21.0 (1282)
Cylinder configuration	12 V
Fuel specification	DIN EN 590, ASTM D975 (DF1, DF2)

Engine Dimensions *

Length x width x height mm (in)	1873 x 1258 x 1200 (73.7 x 49.5 x 47.2)
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Dry weight kg (lbs)	2200 (4850) *
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* All dimensions are approximate, for complete information refer to the installation drawing

Engine Type

12V 1600 C50

Rated power	636 kW	853 bhp	1900 rpm
Peak Torque	4020 Nm	2965 lb-ft	1300 rpm
Fuel consumption at rated power	203 g/kWh		
Fuel consumption at peak torque	195 g/kWh		

Engine Type

12V 1600 C60

Rated power	680 kW	912 bhp	2100 rpm
Peak Torque	4100 Nm	3024 lb-ft	1300 rpm
Fuel consumption at rated power	203 g/kWh		
Fuel consumption at peak torque	195 g/kWh		

Engine Type

12V 1600 C70

Rated power	736 kW	987 bhp	1900 rpm
Peak Torque	4220 Nm	3113 lb-ft	1300 rpm
Fuel consumption at rated power	203 g/kWh		
Fuel consumption at peak torque	195 g/kWh		

Emissions qualification:

EPA Nonroad T4 (40CFR1039)

EPA Nonroad T4 Comp (40CFR1039)

Website: www.pps-bv.nl