



Specification

Generator Model	: BIG BLUE 400 PRO SERIES
Generator Serial Number	: MF 230071E
Engine Type	: C1.5, MIN. 27.8 HP / MAX. 40.2 HP
Engine Serial Number	: G 7 P 14273
Manufacturer	: Caterpillar

C1.5 Standard Equipment

Air Inlet system	: Inlet Manifold with choice of inlets.
Control system	: <ul style="list-style-type: none"> • Alternator 12-volt 65 amp • Starter motor 12-volt • Glow plug starting aid • Belt-driven coolant pump.
Cooling system	: <ul style="list-style-type: none"> • Coolant temperature switch • Choice of cooling fans • Naturally Aspirated: SAE No. 7 ½ flywheel • Turbo-charged: SAE No. 6 ½ or SAE No. 7 ½ flywheel
Flywheel & Flywheel Housing	: <ul style="list-style-type: none"> • Naturally Aspirated: Choice of SAE No. 4 or standard backplate flywheel housing • Turbo-charged: Choice of SAE No. 4 or SAE No. 5 or standard backplate flywheel housing

Fuel System	:	<ul style="list-style-type: none"> • Fuel injection pump. • Spin-on fuel filter. • Electronic Shut-off Solenoid (ESOS)
Lube System	:	<ul style="list-style-type: none"> • Alternative oil filters • Spin-on lube oil filter. • Lube oil pressure switch. • Lube oil sump • Cast iron, engine block. • Cast iron exhaust manifold-side outlet.
General	:	<ul style="list-style-type: none"> • Cold start capability to -20° C (-4°F) • Gradeability 35° continuous • Paint: Caterpillar yellow, with optional colors

Weld Mode/Process, Weld Output Range & Weld output rated at 100% Duty cycle at 104° F (40°C)

Panel Type	:	ROHS 400 PRO W / VRD
Dc volt	:	12 volts
CC/DC (TIG)	:	20-400 A 300 A at 32 VDC 85 VDC /30 vdc 350 A at 27 VDC 400 A at 24 VDC
CC/DC (Stick)	:	20-400 A 300 A at 32 VDC 85 VDC /30 vdc 350 A at 27 VDC 400 A at 24 VDC
CV/DC (FCAW/MIG)	:	14-40 A 300 A at 32 VDC 85 VDC /30 vdc 350 A at 27 VDC 400 A at 24 VDC
Generator Power Output Rated at 104° F (40°C)	;	12,000 watts peak 10,000 watts continuous 1-phase. 84/42 A, 120/240 VAC, 60 Hz
Fuel Tank Capacity	:	43.5 Liters (11.5 USG)
Fuel Consumption, Prime	:	1.4 Liters (038 USG)
Fuel consumption, Standby	:	1.9 Liters (051USG)

Engine Specification

Maximum Power	:	40.2 hp
Maximum Torque	:	83 lb-ft @ 1800 rpm
Rated Speed	:	2200-3000 rpm
Minimum Power	:	27.8 hp

Emission Standards

Emissions	:	U. S. EPA Tier 4 Interim Equivalent
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General

Engine Configuration	:	Inline 3, 4-Stroke-Cycle Diesel
Bore	:	3.3 in
Stroke	:	3.5 in
Displacement	:	91 in ³
Compression Ratio	:	22.5:1
Aspiration	:	Naturally Aspirated (NA) or Turbocharged (T)
Combustion System	:	Indirect Injection
Rotation from Flywheel End	:	Counterclockwise
Aftertreatment		

Engine Dimensions-Approximate

Length	:	22.5 in
Width	:	20.3 in
Height	:	25.3 in
Weight 0 Net Dry-Basic Operating engine without optional attachments	:	345 lbs

Rigging

Lifting Points	:	Single Points on Frame Top
Lifting Eye Thickness	:	12.0 mm Round Bar
Pay Eye Hole Dia meter	:	100.0 sq mm

Dimensions

Overall, Lenth	:	2630 mm (2.63 Meter)
Overall, Width	:	1430 mm (1.43 Meter)
Overall, Height	:	1400 mm (1.40 Meter)
Gross Weight	:	1024 Kg (2252.8 lbs)