



Generator Engine Performance Data
DONGFENG CUMMINS ENGINE Co.,LTD
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Basic Engine Model:
6LTAA8.9-G3
FR94652

FR94652 @ 1500 RPM & 1800RPM

Configuration	CPL Code	Revision
D563015GX03	CPL: 3076	2013/11/30

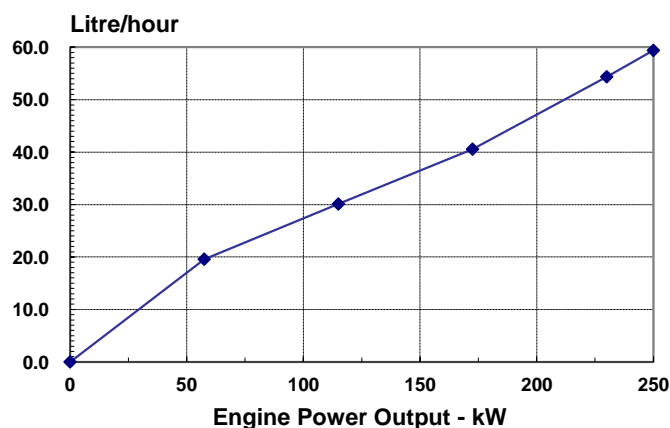
Compression Ratio:	16.6:1	Aspiration:	Turbocharged and Charge Air Cooled
Bore:	114 mm	Displacement:	8.9 L
Stroke:	145 mm	No. of Cylinders:	6
Emission Certification:	None	Fuel System:	BYC P7100/Electronic Governor
Governor Regulation:	≤5%		

All data is based on the engine operating with fuel system, water pump, and 14.5 in H₂O (3.7 kPa) inlet air restriction with 5.98 in (152mm) inner diameter, and with 2.95 in Hg (10 kPa) exhaust restriction with 4.02 in (102 mm) inner diameter; not included are alternator, fan, optional equipment and driven components. Coolant flows and heat rejection data based on coolants as 50% ethylene glycol/50% water. All data is subject to change without notice.

Engine Speed	Standby Power		Prime Power		Continuous Power	
	kW	HP	kW	HP	kW	HP
1500	250	335	230	308	none	none
1800	282	378	255	342	none	none

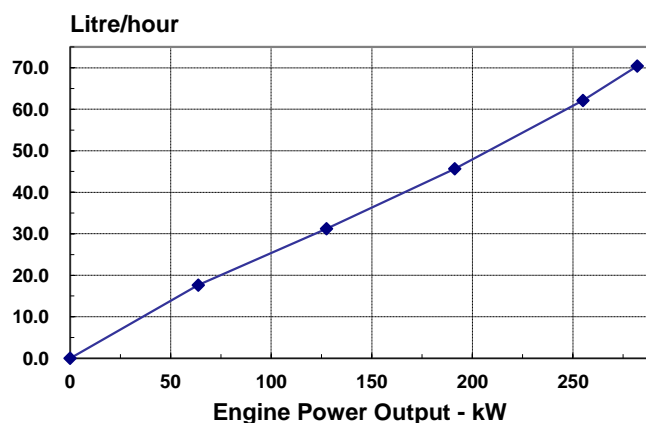
Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	250	335	196	59
PRIME POWER				
100	230	308	195	54
75	173	231	194	41
50	115	154	216	30
25	58	77	281	20
CONTINUOUS POWER				



Engine Performance Data @ 1800 RPM

OUTPUT POWER			FUEL CONSUMPTION	
%	kW	HP	g/kW.h	L/h
STANDBY POWER				
100	282	378	206	70
PRIME POWER				
100	255	342	201	62
75	191	256	197	46
50	128	171	202	31
25	64	85	228	18
CONTINUOUS POWER				



Curves shown above represent gross engine performance capabilities obtained and corrected in accordance with GB/T18297 conditions of 100kPa (29.61 in. Hg) barometric pressure, 25°C (77°F) inlet air temperature, and 1 kPa (0.30 in. Hg) water vapor pressure.