

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-220SSVU



The engine used in this generator set is certified to comply with United States EPA Tier 2 and CARB Mobile Off-Highway emission regulations.

ENGINE DATA

Model:	VOLVO	TAD741GE	Bore:	4.21 in.	(107 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel		Stroke:	5.31 in.	(135 mm)
Aspiration:	Turbocharged, Charge Air Cooler		Displacement:	444 cid	(7.28 liters)
			Compression Ratio:	19.5:1	

PERFORMANCE DATA

SAE Gross HP @ 1800 RPM (60 Hz)	316
Rated Load Fuel Consumption (gal/Hr)	12.6
Rated Load Exhaust Gas Flow (cfm)	1624
Rated Load Exhaust Gas Temperature (F)	921

United States EPA - Mobile Off-Highway Tier 2 Limits - ≥ 302 BHP - ≤ 602 BHP

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO ₂)	4.77 gr/bhp-hr	(4.40)* gr/bhp-hr
HC (Total Unburned Hydrocarbons)	(NOx + HC)* Combined	(NOx + HC)* Combined
CO (Carbon Monoxide)	2.61 gr/bhp-hr	0.97 gr/bhp-hr
PM (Particulate Matter)	0.15 gr/bhp-hr	0.10 gr/bhp-hr

EPA Engine Family:	5VPXL07.3ACB
EPA Certificate of Conformance:	VPX-NR7-05-04
Effective Date:	Year 2005

Note: Engine operation with excessive air intake or exhaust restriction beyond factory published maximum limits, or with improper service maintenance, may result in higher emission levels.