

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-220SSV



The engine used in this generator set is certified to comply with United States EPA Tier 2 and CARB Mobile Off-Highway emission regulations when tested per ISO 8178 D2.

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, Aftercooled		Displacement:	444 cid	(7.28 liters)
			Compression Ratio:	19.5:1	

PERFORMANCE DATA

STANDBY

PRIME

SAE Gross HP @ 1800 RPM (60 Hz)	310	281
Rated Load Fuel Consumption (gal/Hr)	13.6	12.2
Rated Load Exhaust Gas Flow (cfm)	1624	1483
Rated Load Exhaust Gas Temperature (F)	921	896

United States EPA - Mobile Off-Highway Tier 1 Limits - ≥302 BHP - ≤602 BHP

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO ₂)	6.90 gr/bhp-hr	(4.33)* gr/bhp-hr
HC (Total Unburned Hydrocarbons)	(NOx + HC)* Combined	(NOx + HC)* Combined
CO (Carbon Monoxide)	8.50 gr/bhp-hr	0.52 gr/bhp-hr
PM (Particulate Matter)	0.40 gr/bhp-hr	0.10 gr/bhp-hr

EPA Engine Family: 2KLXL11.0DB1
EPA Certificate of Conformance: KLX-NR6-02-07
Effective Date: Year 2002

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.