

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-400SSVU



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:	AB VOLVO PENTA TAD1241GE	Bore:	5.16 in.	(131 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel	Stroke:	5.91 in.	(150 mm)
Aspiration:	Turbocharged, Charge Air Cooler	Displacement:	740 cid	(12 liters)
		Compression Ratio:	17.5:1	

PERFORMANCE DATA

SAE Gross HP @ 1800 RPM (60 Hz)	527
Rated Load Fuel Consumption (gal/Hr)	20.6
Rated Load Exhaust Gas Flow (cfm)	2543
Rated Load Exhaust Gas Temperature (F)	914

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	(4.33)* gr/bhp-hr
HC (Total Unburned Hydrocarbons)	(NOx + HC)* Combined	(NOx + HC)* Combined
CO (Carbon Monoxide)	2.61 gr/bhp-hr	0.52 gr/bhp-hr
PM (Particulate Matter)	0.15 gr/bhp-hr	0.11 gr/bhp-hr

EPA Engine Family:	4VPXL12.1ACB
EPA Certificate of Conformance:	VPX-NR7-04-04
Effective Date:	Year 2004

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.

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