

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-600SSV



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	TAD1642GE	Bore:	5.67 in.	(144 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel		Stroke:	6.50 in.	(165 mm)
Aspiration:	Turbocharged, Air-to-Air Intercooled		Displacement:	983 cid	(16 liters)
			Compression Ratio:	16.5:1	

PERFORMANCE DATA

SAE Gross HP @ 1800 RPM (60 Hz)	796
Rated Load Fuel Consumption (gal/Hr)	33.9
Rated Load Exhaust Gas Flow (cfm)	4153
Rated Load Exhaust Gas Temperature (F)	954

United States EPA - Mobile Off-Highway Tier 2 Limits - >751 BHP

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO ₂)	4.77 gr/bhp-hr	4.03 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	0.07 gr/bhp-hr

EPA Engine Family:	6VPXL16.1ACB
EPA Certificate of Conformance:	VPX-NRCI-06-04
Effective Date:	Year 2006

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.