

EXHAUST EMISSION DATA SHEET
MQ POWER INDUSTRIAL GENERATOR SET
Model: KD450V



**The engine used in this generator set is certified to comply with
United States EPA Tier 1 and CARB Mobile Off-Highway emission regulations.**

ENGINE DATA

Make/Model:	VOLVO ~ TAD1631GE	Bore:	5.67 in. (144 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel	Stroke:	6.5 in. (165 mm)
Aspiration:	Turbocharged, Charge Air Cooler	Displacement:	984 cid (16 liters)
		Compression Ratio:	15:1

PERFORMANCE DATA

SAE Gross HP @ 1800 RPM (60 Hz)	757
Rated Load Fuel Consumption (gal/Hr)	32.9
Rated Load Exhaust Gas Flow (cfm)	4117
Rated Load Exhaust Gas Temperature (F)	1035

United States EPA - Mobile Off-Highway Tier 1 Limits - >751 BHP

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO2)	6.86 gr/bhp-hr	6.26 gr/bhp-hr
HC (Total Unburned Hydrocarbons)	0.97 gr/bhp-hr	0.37 gr/bhp-hr
CO (Carbon Monoxide)	8.50 gr/bhp-hr	0.45 gr/bhp-hr
PM (Particulate Matter)	0.40 gr/bhp-hr	0.24 gr/bhp-hr

EPA Engine Family: 4VPXL16.0ACB
EPA Certificate of Conformance: VPX-NR9-04-03
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.