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 2 and CARB Mobile Off-Highway emission regulations when tested per ISO 8178 D2.

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, Aftercooled	Displacement:	984 cid	(16 liters)
		Compression Ratio:	15.0:1	

PERFORMANCE DATA

SAE Gross HP @ 1800 RPM (60 Hz)	759
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 2 Limits - ≥603 BHP -   ≤751 BHP

Criteria Pollutant	Emission Requirements		Certified Engine Emissions
(NOx + NMHC) Combined	4.80	gr/bhp-hr	gr/bhp-hr
CO (Carbon Monoxide)	2.60	gr/bhp-hr	gr/bhp-hr
PM (Particulate Matter)	0.15	gr/bhp-hr	gr/bhp-hr

EPA Engine Family: 1VPXL16.0ACB

EPA Certificate of Conformance: VPX-NRCI-01-05

Effective Date: Year 2001

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.