

EXHAUST EMISSION DATA SHEET
MQ POWER INDUSTRIAL GENERATOR SET
Model: KD175V



The engine used in this generator set is certified to comply with United States EPA Tier 1 and CARB Mobile Off-Highway emission regulations when tested per ISO 8178 D2.

<u>ENGINE DATA</u>			
Make/Model:	VOLVO ~ TWD740GE	Bore:	4.21 in. (107 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel	Stroke:	5.31 in. (135 mm)
Aspiration:	Turbocharged, Aftercooled	Displacement:	445 cid (7.2 liters)
		Compression Ratio:	17.2:1
<u>PERFORMANCE DATA</u>			
SAE Gross HP @ 1800 RPM (60 Hz)	316		
Rated Load Fuel Consumption (gal/Hr)	14.7		
Rated Load Exhaust Gas Flow (cfm)	1511		
Rated Load Exhaust Gas Temperature (F)	1031		

United States EPA - Mobile Off-Highway Tier I Limits - ≥302 BHP - ≤602 BHP			
Criteria Pollutant	Emission Requirements	Certified Engine Emissions	
NOx (Oxides of Nitrogen as NO2)	6.86 gr/bhp-hr	5.80	gr/bhp-hr
HC (Total Unburned Hydrocarbons)	0.97 gr/bhp-hr	0.20	gr/bhp-hr
CO (Carbon Monoxide)	8.50 gr/bhp-hr	0.60	gr/bhp-hr
PM (Particulate Matter)	0.40 gr/bhp-hr	0.14	gr/bhp-hr
EPA Engine Family: 1VPXL07.3ABB			
EPA Certificate of Conformance: VPX-NRCI-01-08			
Effective Date: Year 2001			
<i>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.</i>			