

EXHAUST EMISSION DATA SHEET
MQ POWER INDUSTRIAL GENERATOR SET
Model: KD200V



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.

<u>ENGINE DATA</u>			
Make/Model:	VOLVO ~ TAD741GE	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 2 Limits - ≥174 BHP - ≤301 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	0.10 gr/bhp-hr
EPA Engine Family: 2VPXL07.3ACB		
Effective Date: Year 2002		
<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>		