

**EXHAUST EMISSION DATA SHEET**  
**MQ POWER INDUSTRIAL GENERATOR SET**  
**Model: KD250V**



**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.**

<b><u>ENGINE DATA</u></b>			
Make/Model:	VOLVO ~ TAD1031GE	Bore:	4.75 in. (120 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel	Stroke:	5.51 in. (140 mm)
Aspiration:	Turbocharged, Charge Air Cooler	Displacement:	585.8 cid (9.6 liters)
		Compression Ratio:	17.0:1
<b><u>PERFORMANCE DATA</u></b>			
SAE Gross HP @ 1800 RPM (60 Hz)	394		
Rated Load Fuel Consumption (gal/Hr)	20.5		
Rated Load Exhaust Gas Flow (cfm)	2225		
Rated Load Exhaust Gas Temperature (F)	1040		

<b>United States EPA - Mobile Off-Highway Tier 2 Limits - ≥302 BHP - ≤602 BHP</b>			
Criteria Pollutant	Emission Requirements	Certified Engine Emissions	
NOx + NMHC (*Combined)	(*4.77) gr/bhp-hr	(*4.33)	gr/bhp-hr
CO (Carbon Monoxide)	2.61 gr/bhp-hr	0.89	gr/bhp-hr
PM (Particulate Matter)	0.15 gr/bhp-hr	0.08	gr/bhp-hr
EPA Engine Family: 3VPXL09.6ACB			
EPA Certificate of Conformance: VPX-NRCI-03-03			
Effective Date: Year 2003			
<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>			