

EXHAUST EMISSION DATA SHEET
MQ POWER INDUSTRIAL GENERATOR SET
Model: KD100V



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:	DEUTZ ~ TAD520GE	Bore:	4.25 in. (108 mm)
Type:	4-Cycle, In-Line, 4-Cylinder, Diesel	Stroke:	5.12 in. (130 mm)
Aspiration:	Turbocharged, Aftercooled	Displacement:	290 cid (4.7 liters)
		Compression Ratio:	17.5:1
<u>PERFORMANCE DATA</u>			
SAE Gross HP @ 1800 RPM (60 Hz)	147		
Rated Load Fuel Consumption (gal/Hr)	7.1		
Rated Load Exhaust Gas Flow (cfm)	699		
Rated Load Exhaust Gas Temperature (F)	838		

United States EPA - Mobile Off-Highway Tier I Limits - ≥100 BHP - ≤173 BHP			
Criteria Pollutant	Emission Requirements	Certified Engine Emissions	
NOx (Oxides of Nitrogen as NO2)	6.86 gr/bhp-hr	5.70	gr/bhp-hr
HC (Total Unburned Hydrocarbons)	---- gr/bhp-hr	0.30	gr/bhp-hr
CO (Carbon Monoxide)	---- gr/bhp-hr	1.10	gr/bhp-hr
PM (Particulate Matter)	---- gr/bhp-hr	0.16	gr/bhp-hr
EPA Engine Family: 1DZXL07.1005			
EPA Certificate of Conformance: DZX-NR6-01-05			
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>			