

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: KD100V



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

Model:	DEUTZ BF4M1013C/FC	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	(4.70 liters)
		Compression Ratio:	17.5:1	

PERFORMANCE DATA

SAE Gross HP @ 1800 RPM (60 Hz)	147
Rated Load Fuel Consumption (gal/Hr)	7.0
Rated Load Exhaust Gas Flow (cfm)	699
Rated Load Exhaust Gas Temperature (F)	838

United States EPA - Mobile Off-Highway Tier 2 Limits - ≥ 100 BHP - ≤ 173 BHP

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO ₂)	4.92 gr/bhp-hr	4.40 gr/bhp-hr
HC (Total Unburned Hydrocarbons)	(NOx + HC)* Combined	(NOx + HC)* Combined
CO (Carbon Monoxide)	2.61 gr/bhp-hr	0.82 gr/bhp-hr
PM (Particulate Matter)	0.15 gr/bhp-hr	0.09 gr/bhp-hr

EPA Engine Family: 4DZXL07.1034
EPA Certificate of Conformance: DZX-NR6-04-12
Effective Date: Year 2004

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.