

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-800SSK



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.

ENGINE DATA

Model:	KOMATSU	SA12V140E-1	Bore:	5.50 in.	(140 mm)
Type:	4-Cycle, In-Line, 12-Cylinder, Diesel		Stroke:	6.50 in.	(165 mm)
Aspiration:	Turbocharged, Aftercooled		Displacement:	1860 cid	(30.5 liters)
			Compression Ratio:	14:1	

PERFORMANCE DATA

STANDBY

PRIME

SAE Gross HP @ 1800 RPM (60 Hz)	1124	1022
Rated Load Fuel Consumption (gal/Hr)	47.6	43.1
Rated Load Exhaust Gas Flow (cfm)	6250	5049
Rated Load Exhaust Gas Temperature (F)	874	781

United States EPA - Mobile Off-Highway Tier 1 Limits - >751 BHP

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO ₂)	6.86 gr/bhp-hr	6.19 gr/bhp-hr
HC (Total Unburned Hydrocarbons)	0.97 gr/bhp-hr	0.67 gr/bhp-hr
CO (Carbon Monoxide)	8.50 gr/bhp-hr	0.67 gr/bhp-hr
PM (Particulate Matter)	0.40 gr/bhp-hr	0.15 gr/bhp-hr

EPA Engine Family: 5KLXL30.5GC1
EPA Certificate of Conformance: KLX-NRCI-05-13
Effective Date: Year 2005

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.