

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-220SSK



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 S6D125E	Bore:	4.90 in. (125 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel	Stroke:	5.90 in. (150 mm)
Aspiration:	Turbocharged, Aftercooled	Displacement:	674 cid (11 liters)
		Compression Ratio:	17:1

PERFORMANCE DATA

STANDBY

PRIME

SAE Gross HP @ 1800 RPM (60 Hz)	316	283
Rated Load Fuel Consumption (gal/Hr)	13.7	12.3
Rated Load Exhaust Gas Flow (cfm)	1554	1412
Rated Load Exhaust Gas Temperature (F)	921	824

United States EPA - Mobile Off-Highway Tier 1 Limits - ≥ 302 BHP - ≤ 602 BHP

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO ₂)	6.90 gr/bhp-hr	6.26 gr/bhp-hr
HC (Total Unburned Hydrocarbons)	0.97 gr/bhp-hr	0.22 gr/bhp-hr
CO (Carbon Monoxide)	8.50 gr/bhp-hr	0.29 gr/bhp-hr
PM (Particulate Matter)	0.40 gr/bhp-hr	0.17 gr/bhp-hr

EPA Engine Family: 1KLXL11.0DB1
EPA Certificate of Conformance: KLX-NRCI-01-18
Effective Date: Year 2001

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.