

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-180SSK



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 SA6D108E	Bore:	4.30 in. (108 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel	Stroke:	5.10 in. (130 mm)
Aspiration:	Turbocharged, Aftercooled	Displacement:	436 cid (7.1 liters)
		Compression Ratio:	17:1

PERFORMANCE DATA

STANDBY

PRIME

SAE Gross HP @ 1800 RPM (60 Hz)	253	224
Rated Load Fuel Consumption (gal/Hr)	11.1	9.9
Rated Load Exhaust Gas Flow (cfm)	1165	1095
Rated Load Exhaust Gas Temperature (F)	892	770

United States EPA - Mobile Off-Highway Tier I Limits - ≥ 174 BHP - ≤ 301 BHP

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO ₂)	6.90 gr/bhp-hr	5.29 gr/bhp-hr
HC (Total Unburned Hydrocarbons)	0.97 gr/bhp-hr	0.20 gr/bhp-hr
CO (Carbon Monoxide)	8.50 gr/bhp-hr	0.50 gr/bhp-hr
PM (Particulate Matter)	0.40 gr/bhp-hr	0.20 gr/bhp-hr

EPA Engine Family: YKLXL7.15CCI
EPA Certificate of Conformance: KLX-NRCI-00-06
Effective Date: Year 2000

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.