

# EXHAUST EMISSION DATA SHEET

## MQ POWER GENERATOR SET

Model: DCA-600SSK



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 SA6D170AE-1	Bore:	6.70 in. (170 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel	Stroke:	6.70 in. (170 mm)
Aspiration:	Turbocharged, Aftercooled	Displacement:	1413 cid (23 liters)
		Compression Ratio:	14:1

### PERFORMANCE DATA

### STANDBY

### PRIME

SAE Gross HP @ 1800 RPM (60 Hz)	799	490
Rated Load Fuel Consumption (gal/Hr)	36.2	33.9
Rated Load Exhaust Gas Flow (cfm)	4555	4449
Rated Load Exhaust Gas Temperature (F)	858	822

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

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO2)	6.90 gr/bhp-hr	5.60 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	0.80 gr/bhp-hr
PM (Particulate Matter)	0.40 gr/bhp-hr	0.20 gr/bhp-hr

EPA Engine Family: YKLXL23.2FC2  
EPA Certificate of Conformance: KLX-NRCI-00-02  
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.*