

# EXHAUST EMISSION DATA SHEET

## MQ POWER GENERATOR SET

Model: DCA-400SSI



The engine used in this generator set is certified to comply with United States EPA Tier 3 and CARB Mobile Off-Highway emission regulations.

### ENGINE DATA

Manufacturer	ISUZU	Bore:	5.79 in. (147 mm)
Model:	6WG1X	Stroke:	6.06 in. (154 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel	Displacement:	957 cid (15.7 liters)
Aspiration:	Turbocharged, Charge Air Cooler, ECM	Compression Ratio:	16:1

### PERFORMANCE DATA


SAE Gross HP @ 1800 RPM (60 Hz)	532
Rated Load Fuel Consumption (gal/Hr)	23.4
Rated Load Exhaust Gas Flow (cfm)	2306
Rated Load Exhaust Gas Temperature (°F)	959

### **United States EPA - Mobile Off-Highway Tier 3 Limits - ≥302 BHP ~ <603 BHP**

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO <sub>2</sub> )	(2.98)* gr/bhp-hr	(2.46)* gr/bhp-hr
HC (Total Unburned Hydrocarbons)	(NOx + HC)* Combined	(NOx + HC)* Combined
CO (Carbon Monoxide)	2.61 gr/bhp-hr	0.60 gr/bhp-hr
PM (Particulate Matter)	0.15 gr/bhp-hr	0.12 gr/bhp-hr

EPA Engine Family:	ASZXL15.7HXB	EPA FLEXIBILITY PROGRAM
EPA Certificate of Conformance:		
ARB Executive Order:	U-R-006-0356	
Effective Date:	Model Year 2011	

*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.*

	ISUZU MOTORS LIMITED	EXECUTIVE ORDER U-R-006-0356 New Off-Road Compression-Ignition Engines
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Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

**IT IS ORDERED AND RESOLVED:** That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment under the flexibility program provisions. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	FLEXIBILITY PROGRAM ENGINE FAMILY NAME(s)
2011	ASZXL05.2HXA, ASZXL07.8HXA, ASZXL09.8HXA, ASZXL15.7HXA, ASZXL07.8HXB, ASZXL09.8HXB, ASZXL15.7HXB

**BE IT FURTHER RESOLVED:** That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2423, subpart (d).

**BE IT FURTHER RESOLVED:** That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

**This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.**

Executed at El Monte, California on this 28<sup>TH</sup> day of December 2010.

*M. Hebert FOR AGM*

Annette Hebert, Chief  
Mobile Source Operations Division