

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-45USI



The engine used in this generator set is certified to comply with United States EPA Tier 2 and CARB Mobile Off-Highway emission regulations.

ENGINE DATA

| | | | | | |
|-------------|--------------------------------------|----------|--------------------|----------|--------------|
| Model: | ISUZU | BB-4JG1T | Bore: | 3.75 in. | (95.4 mm) |
| Type: | 4-Cycle, In-Line, 4-Cylinder, Diesel | | Stroke: | 4.09 in. | (107 mm) |
| Aspiration: | Turbocharged | | Displacement: | 187 cid | (3.0 liters) |
| | | | Compression Ratio: | 18:1 | |

PERFORMANCE DATA

| | |
|--|-----|
| SAE Gross HP @ 1800 RPM (60 Hz) | 65 |
| Rated Load Fuel Consumption (gal/Hr) | 2.6 |
| Rated Load Exhaust Gas Flow (cfm) | 175 |
| Rated Load Exhaust Gas Temperature (F) | 860 |

United States EPA - Mobile Off-Highway Tier 2 Limits - ≥ 49 BHP - ≤ 99 BHP

| Criteria Pollutant | Emission Requirements | Certified Engine Emissions |
|--|-----------------------|----------------------------|
| NOx (Oxides of Nitrogen as NO ₂) | 5.60 gr/bhp-hr | 5.29 gr/bhp-hr |
| HC (Total Unburned Hydrocarbons) | (NOx + HC)* Combined | (NOx + HC)* Combined |
| CO (Carbon Monoxide) | 3.73 gr/bhp-hr | 0.89 gr/bhp-hr |
| PM (Particulate Matter) | 0.30 gr/bhp-hr | 0.15 gr/bhp-hr |

EPA Engine Family: 5SZXL03.1GTB
EPA Certificate of Conformance: SZX-NR4-05-06
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.