

EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-220SSVU



The engine used in this generator set is certified to comply with United States EPA Tier 2 and CARB Mobile Off-Highway emission regulations when tested per ISO 8178 D2.

ENGINE DATA

| | | | | | |
|-------------|--------------------------------------|----------|--------------------|----------|---------------|
| Model: | VOLVO | TAD741GE | Bore: | 4.21 in. | (107 mm) |
| Type: | 4-Cycle, In-Line, 6-Cylinder, Diesel | | Stroke: | 5.31 in. | (135 mm) |
| Aspiration: | Turbocharged, Charge Air Cooler | | Displacement: | 444 cid | (7.28 liters) |
| | | | Compression Ratio: | 19.5:1 | |

PERFORMANCE DATA

| | |
|--|------|
| SAE Gross HP @ 1800 RPM (60 Hz) | 310 |
| Rated Load Fuel Consumption (gal/Hr) | 13.6 |
| Rated Load Exhaust Gas Flow (cfm) | 1624 |
| Rated Load Exhaust Gas Temperature (F) | 921 |

United States EPA - Mobile Off-Highway Tier 2 Limits - ≥ 302 BHP - ≤ 602 BHP

| Criteria Pollutant | Emission Requirements | Certified Engine Emissions |
|--|-----------------------|----------------------------|
| NOx (Oxides of Nitrogen as NO ₂) | 4.77 gr/bhp-hr | (4.33)* gr/bhp-hr |
| HC (Total Unburned Hydrocarbons) | (NOx + HC)* Combined | (NOx + HC)* Combined |
| CO (Carbon Monoxide) | 2.61 gr/bhp-hr | 0.52 gr/bhp-hr |
| PM (Particulate Matter) | 0.15 gr/bhp-hr | 0.10 gr/bhp-hr |

EPA Engine Family: 3VPXL07.3ACB
EPA Certificate of Conformance: VPX-NRCI-03-02
Effective Date: Year 2003

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.