

# EXHAUST EMISSION DATA SHEET

## MQ POWER GENERATOR SET

Model: DCA-400SSVU



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 TAD1241GE	Bore:	5.16 in. (131 mm)
Type:	4-Cycle, In-Line, 6-Cylinder, Diesel	Stroke:	5.91 in. (150 mm)
Aspiration:	Turbocharged, Charge Air Cooler	Displacement:	740 cid (12 liters)
		Compression Ratio:	17.5:1

### PERFORMANCE DATA

SAE Gross HP @ 1800 RPM (60 Hz)	514
Rated Load Fuel Consumption (gal/Hr)	23.8
Rated Load Exhaust Gas Flow (cfm)	2543
Rated Load Exhaust Gas Temperature (F)	914

### United States EPA - Mobile Off-Highway Tier 2 Limits - $\geq 302$ BHP - $\leq 602$ BHP

Criteria Pollutant	Emission Requirements	Certified Engine Emissions
NOx (Oxides of Nitrogen as NO <sub>2</sub> )	(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	0.11 gr/bhp-hr

EPA Engine Family: 3VPXL12.1ACB  
EPA Certificate of Conformance: VPX-NRCI-03-04  
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.*

April 2003