EXHAUST EMISSION DATA SHEET

MQ POWER INDUSTRIAL GENERATOR SET

Model: KD350V



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

Make/Model:	VOLVO ~	TAD1241GE		Bore:	5.16 in.	(131 mm)
Туре:	4-Cycle, I	n-Line, 6-Cylinder,	Diesel	Stroke:	5.91 in.	(150 mm)
Aspiration: Turbocharged, Aftercooled		ged, Aftercooled		Displacement:	740 cid	(12.1 liters)
				Compression F	Ratio:	17.5:1
PERFORMANCE DA	<u>ATA</u>					
SAE Gross HP @ 1800 F	RPM (60 Hz)	527				
Rated Load Fuel Consum	nption (gal/Hr)	23.8				
Rated Load Exhaust Gas	Flow (cfm)	2543				
Rated Load Exhaust Gas Temperature (F) 914						
Rated Load Exhaust Gas	remperature	(F) 914				
		Mobile Off-High	way Tier 2	Limits - ≥30	2 BHP -	≤602 BHP
			•		2 BHP - Engine Er	
United Stat	es EPA - I	Mobile Off-High	uirements			
United Stat Criteria Pollutant	es EPA - 1	Mobile Off-High Emission Requ	uirements	Certified (4.33)*	Engine Er	nissions
United Stat Criteria Pollutant NOx (Oxides of Nitrogen	es EPA - 1	Mobile Off-High Emission Req (4.77)* gr/bhp-h	u irements nr Combined	Certified (4.33)*	Engine Er gr/bhp-hr	missions
United Stat Criteria Pollutant NOx (Oxides of Nitrogen HC (Total Unburned Hyde	es EPA - 1	Mobile Off-High Emission Requ (4.77)* gr/bhp-h (NOx + HC)* C	uirements nr Combined nr	Certified (4.33)* (NOx -	Engine Er gr/bhp-hr + HC)* Con	nissions nbined
United Stat Criteria Pollutant NOx (Oxides of Nitrogen HC (Total Unburned Hyde CO (Carbon Monoxide) PM (Particulate Matter)	as NO2) rocarbons)	Mobile Off-High Emission Requ (4.77)* gr/bhp-h (NOx + HC)* C 2.61 gr/bhp-h 0.15 gr/bhp-h	uirements nr Combined nr	Certified (4.33)* (NOx - 0.52	Engine Er gr/bhp-hr + HC)* Con gr/bhp-hr	nissions nbined
United Stat Criteria Pollutant NOx (Oxides of Nitrogen HC (Total Unburned Hydr CO (Carbon Monoxide)	es EPA - 1	Mobile Off-High Emission Requ (4.77)* gr/bhp-r (NOx + HC)* C 2.61 gr/bhp-r 0.15 gr/bhp-r	uirements nr Combined nr	Certified (4.33)* (NOx - 0.52	Engine Er gr/bhp-hr + HC)* Con gr/bhp-hr	nissions nbined

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.