EXHAUST EMISSION DATA SHEET

MQ POWER GENERATOR SET

Model: DCA-20SPXU2



The engine used in this generator set is certified to comply with United States EPA Tier 4i and CARB Mobile Off-Highway emission regulations.

	TA							
Manufacturer:				Bore:	3.35	in.	(85	mm)
Model:	4LE2			Stroke:	3.78	in.	(96	mm)
Туре:	4-Cycle, In-Line, 4-cylinde	Displacement	133	cid	(2.18	liters)		
Aspiration:	Naturally Aspirated. Direc	Compression			18:1			
PERFORMA	NCE DATA							
SAE Gross HP	@ 1800 RPM (60 Hz)	34						
Rated Load Fu	el Consumption (gal/Hr)	1.6	66					
Rated Load Ex	haust Gas Flow (cfm)	15	2					
	. ,	(0) = 10	0.4					
Rated Load Ex	haust Gas Temperature	(°F) 10	04					
Rated Load Ex	haust Gas Temperature	(°F) 10	04					
	haust Gas Temperature ited States EPA - M			i Limits -	25.5	i ≤ B	HP ~	< 49.6 BHP
Uni		obile O		i Limits -				
Uni Crite	ited States EPA - M	obile O	ff-Highway Tier 4		d Engi		missio	
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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. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)		
2012	CSZXL02.2VNB	2.2	Diesel	5,000		
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION			
	Mechanical Direct In	jection	Generator Set			

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for hydrocarbon (HC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kW-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):

RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kW-hr)					OPACITY (%)		
			нс	NOx	NMHC+NOx	co	PM	ACCEL	LUG	PEAK
19 ≤ kW < 37	Tier 4 - Interim	STD	N/A	N/A	7.5	5.5	0.30	N/A	N/A	N/A
		CERT			6.6	2.0	0.25			

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

day of September 2011.

Annette Hebert, Chief Mobile Source Operations Division