## **EXHAUST EMISSION DATA SHEET**

**MQ POWER GENERATOR SET** 

Model: KD100V



## 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					Deres	4.05 :	(100
Model:	DEUTZ	BF4M10 <sup>2</sup>			Bore:	4.25 in.	(108 mm)
Туре:	4-Cycle,	In-Line, 4	I-Cylinder,	Diesel	Stroke:	5.12 in.	(130 mm)
Aspiration:	Turbocharged, Aftercooled			Displacement:	290 cid	(4.70 liters)	
					Compression F	Ratio:	17.5:1
PERFORMANCE DAT	<u>A</u>						
SAE Gross HP @ 1800 RPI	M (60 Hz)			147			
Rated Load Fuel Consumpt	ion (gal/Hr)	)		7.0			
1				000			
Rated Load Exhaust Gas Fl	ow (cfm)			699			
	. ,	e (F)		699 838			
Rated Load Exhaust Gas Fl	emperature		Off-High	838	Limits - ≥10	0 BHP -	≤173 BHP
Rated Load Exhaust Gas Fl Rated Load Exhaust Gas Te	emperature	Mobile (	Off-High	838 way Tier 2	-	0 BHP - Engine El	
Rated Load Exhaust Gas Fl Rated Load Exhaust Gas Te United States	emperature	Mobile (	•	838 way Tier 2 uirements	-		missions
Rated Load Exhaust Gas FI Rated Load Exhaust Gas Te <b>United States</b> Criteria Pollutant NOx (Oxides of Nitrogen as	emperature s EPA - NO2)	Mobile ( Emis 4.92	sion Requ	838 way Tier 2 uirements	Certified 4.40	Engine Er	missions
Rated Load Exhaust Gas Fl Rated Load Exhaust Gas Te United States Criteria Pollutant	emperature s EPA - NO2)	Mobile ( Emis 4.92	sion Requ gr/bhp-h	838 way Tier 2 uirements ar mbined	Certified 4.40	Engine Ei gr/bhp-hr	missions ed
Rated Load Exhaust Gas Fl Rated Load Exhaust Gas Te <b>United States</b> <u>Criteria Pollutant</u> NOx (Oxides of Nitrogen as HC (Total Unburned Hydroc	emperature s EPA - NO2)	Mobile ( Emis 4.92 (NOx +	sion Requ gr/bhp-h + HC)* Cor	838 way Tier 2 uirements ar mbined ar	Certified 4.40 (NOx + HC	Engine Ei gr/bhp-hr C)* Combin	missions ed
Rated Load Exhaust Gas FI Rated Load Exhaust Gas Te United States Criteria Pollutant NOx (Oxides of Nitrogen as HC (Total Unburned Hydroc CO (Carbon Monoxide) PM (Particulate Matter)	emperature s EPA - NO2) carbons)	Mobile ( Emis 4.92 (NOx + 2.61 0.15	s <b>sion Requ</b> gr/bhp-h + HC)* Cor gr/bhp-h	838 way Tier 2 uirements ar mbined ar	<b>Certified</b> 4.40 (NOx + HO 0.82	Engine Engine Engr/bhp-hr gr/bhp-hr C)* Combin gr/bhp-hr	missions ed
Rated Load Exhaust Gas FI Rated Load Exhaust Gas Te United States Criteria Pollutant NOx (Oxides of Nitrogen as HC (Total Unburned Hydroc CO (Carbon Monoxide) PM (Particulate Matter)	emperature <b>S EPA -</b> NO2) carbons) 4DZXL07.	Mobile ( Emis 4.92 (NOx + 2.61 0.15	sion Requ gr/bhp-h + HC)* Cor gr/bhp-h gr/bhp-h	838 way Tier 2 uirements ar mbined ar	<b>Certified</b> 4.40 (NOx + HO 0.82	Engine Engine Engr/bhp-hr gr/bhp-hr C)* Combin gr/bhp-hr	missions ed

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.