

# 9 Series

715kVA – 3340kVA



Diesel generating sets worldwide



Please Note: Above photos may not relate directly to accompanying datasheet model

# DN3-AJ880-9M-MA Diesel (Water cooled), Compact, Three Phase

Prime Standby

Genset Model	DN3-AJ880P-5M1	
400/230V, 50Hz	800kVA (640kW)	880kVA (704kW)
415/240V, 50Hz	800kVA (640kW)	880kVA (704kW)
380/220V, 50Hz	800kVA (640kW)	880kVA (704kW)



Ratings at 0.8pf

**Prime:** This rating is for the supply of continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation on the annual hours of operation and 10% overload power can be supplied for one hour in twelve hours.

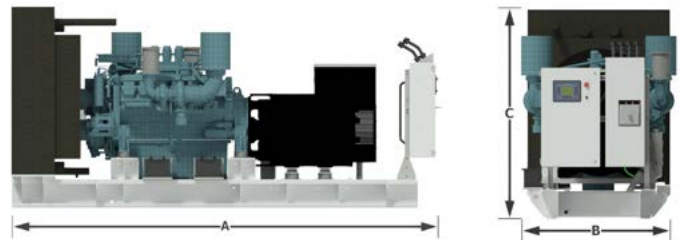
**Standby:** This model is rated for prime power. 10% overload is available for standby power as per ISO 3046.

Engine		MTU	12V2000G26F
Number of cylinders			12
Cubic capacity		litre (cu inch)	26.8
Aspiration			Turbocharged
Alternator		European	MeccAlte
Frequency		Hz	50
Engine Speed		rpm	1500
Fuel tank capacity (optional*)		litre	N/A
Fuel consumption at full rating:	110%	litre / h	174.0
	100%	litre / h	158.0
	75%	litre / h	122.2
	50%	litre / h	89.9
Heat rejection to exhaust system (max)		KW (BTU / min)	501 (28514)
Heat rejection to cooling system (max)		KW (BTU / min)	455 (25896)
Total radiated heat (max)		KW (BTU / min)	35 (1992)
Exhaust temperature (max)		deg C (deg F)	545 (1013)
Radiator cooling air flow with max restriction		cu m / min (cfm)	969 (34254)
		mm (inch) H <sub>2</sub> O	20 (0.787)
Combustion air flow (max)		cu m / min (cfm)	52.2 (1843)
Exhaust gas flow (max) with max allowable back pressure		cu m / min (cfm)	144 (5085)
		mm (inch) H <sub>2</sub> O	500 (19.7)

Note: Standard reference conditions: 25deg C (77deg F) air inlet temperature, 152.4, (500 feet) above sea level, 60% relative humidity. All engine performance data based on the above mentioned maximum continuous ratings. Fuel consumption data at full load for diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, class A2. TBA - To be advised. N/A - Not applicable

## Dimensions:

Length (A)	mm	4567
Length without circuit breaker	mm	4350
Width (B)	mm	1714
Height (C)	mm	2189



## Weights:

Dry weight (with lube oil)	kg	6418
Wet weight (with lube oil and coolant)	kg	6540

## Sound Pressure levels:

Not Applicable	dB(A)	N/A
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In line with our policy of continuous development, we reserve the right to change specification without notice. We have made every effort to provide accurate information. However we are not responsible for errors or omissions.

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