

9 Series

715kVA – 3340kVA



Diesel generating sets worldwide



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

DN3-AJ1650-9B-MA Diesel (Water cooled), Compact, Three Phase

	Prime	Standby
Genset Model	DN3-AJ1650P	DN3-AJ1650S
380V, 50Hz	1500kVA (1200kW)	1650kVA (1320kW)
400V-415V, 50Hz	1500kVA (1200kW)	1650kVA (1320kW)
440-480V, 60Hz	N/A	N/A



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.

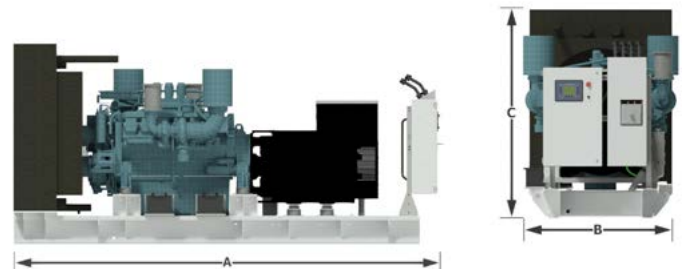
Standby: This rating is for the supply of continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted.

Engine		Mitsubishi	S12R-FP1PTAW2
Number of cylinders			12
Cubic capacity		litre (cu inch)	49
Aspiration			Turbocharged
Alternator		European	MeccAlte
Frequency		Hz	50
Engine Speed		rpm	1500
Fuel tank capacity (standard)		litre	N/A
Fuel consumption at full rating:	Standby 110%	litre / h	347.8
	Prime 100%	litre / h	313.3
	75%	litre / h	233.8
	50%	litre / h	164.2
Heat rejection to exhaust system (max)		KW (BTU / min)	1320 (75128)
Heat rejection to cooling system (max)		KW (BTU / min)	914 (52020)
Total radiated heat (max)		KW (BTU / min)	115 (6545)
Exhaust temperature (max)		deg C (deg F)	TBA
Radiator cooling air flow with max restriction		cu m / min (cfm)	1440 (50853.6)
		mm (inch) H ₂ O	20 (0.78)
Combustion air flow (max)		cu m / min (cfm)	131 (4626)
Exhaust gas flow (max) with max allowable back pressure		cu m / min (cfm)	346 (12219)
		mm (inch) H ₂ O	600 (23.6)

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	6429
Length (A) without circuit breaker	mm	5131
Width (B)	mm	2155
Height (C)	mm	2480



Weights:

Dry weight (with lube oil)	kg	10430
Wet weight (with lube oil and coolant)	kg	10630

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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