

2. Specifications

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Model		Unit	DG50MK-P/ANZ
Alternator	Generating Type	-	Rotating Field, Brushless 3-Phase Synchronous Alternator
	Rated Output	kVA	50
		kW	40
	Rated Voltage	V	415
	Rated Current	A	69.6
	Rated Frequency	Hz	50
	Winding	-	3-Phase, 4-Wire
	Power factor	%	80
	Insulation class	-	F
	Excitation	-	Self-Excitation(Brushless)
No. of poles	-	4	
Engine	Types	-	Vertical Water-Cooled 4-Cycle Diesel Engine
	Model (Manufacturer)	-	V3800DI-TI (KUBOTA)
	No. of Cylinders (bore x stroke)	mm	4 (100 X 120)
	Continuous rated output	kW	49.2
		PS	66.9
	Rated speed	min ⁻¹	1500
	Displacement	L	3.769
	Combustion system	-	Direct Fuel Injection with Turbo Charger
	Cooling method	-	Radiator
	Lubricating method	-	Forced Lubrication
	Starting method	-	Electric Start
	Fuel	-	Diesel Fuel (ASTM No. 2-D)
	Lubricant oil	-	CD class
	Fuel tank capacity	L	420
	Lubricant volume (Full)	L	13.2
	Cooling water volume	L	12.5
	Starting motor capacity	V-kW	12 - 3.0
Charging dynamo capacity	V-A	12 - 80	
Battery	-	130E41R	
Unit	Length	mm	1970
	Width	mm	880
	Height	mm	1665
	Dry Weight	kg	1315
	Installed Weight	kg	1705