

1. Genset 100 kVA - 50Hz



POWERED BY



2. Technical informations

Generator Specifications	Unit	Description		
Regulation class		ISO8528		
Frequency	Hz	50		
Power Factor		0.8		
Three Phase Voltage	Vca	380 / 220 - 400 / 231		
Operating System		Stand-By	Prime	COP
Genset Power	kVA / kW	100 / 80	80 / 64	72 / 57,6
Consumption $\pm$ 5%	Nm ³ /h	29	26.5	24
Battery		12V - 95Ah - 750CCA		

Engine Specifications	Unit	Description		
Model		4.12TCEG-G2		
Brand		MWM		
Application		Stationary		
Rotation	rpm	1500		
Configuration		04- stroke / 4 Cylinders in line		
Bore x Stroke	mm	105 x 137		
Aspiration Type / Injection System		Turbo Aftercooler / Eletronic Direct		
Compression Ratio		12:01		
Alternator, standart equipment	A	90		
Starter, standart equipment	Vcc - kW	12 - 3,3		
Cooling System		Water + Air + Blowing Ventilation System		
Coolant Total Capacity	l	18		
Coolant Specification		Havoline Xtended Life Premix 50/50		
Lube Oil Specification		SAE 15W40 / API CI-4 / ACEA E7-08		
Lube Oil liter Capacity with filter	l	10		
Lube Oil Filter Replacement Interval	h	250		
Resistência de Pré Aquecimento		1000W - Standart to automatic Genset		

Command Panel Specifications		Unit	Description	
Type			Manual	Automatic
Single Without Ramp			DEEP SEA	
			DS7320	
Single With Ramp			DEEP SEA	
			DS8620	
Parallel Without Ramp			DEEP SEA	
			DS8610 + DS331	
Parallel With Ramp			DEEP SEA	
			DS8610 + DS8660	
Three Phase Voltage	Vca		380 - 220 / 400 - 231	
IP Rating			IP-23	
Dimensions (H x W x D)	mm		1200 x 600 x 255	
Protection			Manual thermomagnetic circuit-breaker - tripolar fixed	
Parallelism Connection between Generators			Motorized Circuit Breaker	
Battery Charger			YES	NO

Assembly Specifications			Unit		Description	
Type					Open Skid	Canopy
Exhaust System					Industrial 3" and stainless-steel bellows; Hospitalar 4" and stainless-steel bellows	
Width (W)		mm			1150	1150
Length (L)		mm			2675	3126
Height (H)		mm			1584	1756
Empty Weight		kg			1250	1602
Impregnation			Polyester powder electrostatic (base in black color and Canopy in blue color)			
Impregnation type			Textured			
Salt Spray Resistance Assembly Specifications			Minimum 500h (on phosphatized plate)			
Paint Thickness			80 µm [microtexturized]			
Levels of noise	1,5 m	dB(A)			103	85
	7,0 m	dB(A)			98	NA
NA - No Available						

NA - Not Available

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