

1. Genset 1000 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	1000 / 800	750 / 600	680 / 544
Diesel Engine Power	CV	1195	1086	869
Fuel Tank				
Consumption $\pm 5\%$	l/h	202	161	141
Fuel Tank Autonomy	h			
Battery		4 x 12V - 180Ah - 1000CCA		

Engine Specifications		Unit	Description	
Model			D2862 LE223	
Brand			MAN	
Application			Stationary	
Rotation		rpm	1500	
Configuration			04- stroke / 12 Cylinders in V	
Bore x Stroke		mm	128 x 157	
Aspiration Type / Injection System			Turbo Aftercooler / Eletronic Direct	
Displacement		l	24.2	
Compression Ratio			17,0:1	
Alternator, standart equipment		A	120	
Starter, standart equipment		Vcc - kW	24 - 07	
Cooling System			Water + Air + Blowing Ventilation System	
Coolant Total Capacity		l	128	
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	90	
Lube Oil Filter Replacement Interval		h	250	
Fuel Type Specification			S10	
Fuel Filter			Pré Filtro	Main
Fuel Filter Specification			Elemento filtrante de papel de 10μ	Elemento filtrante de papel de 5μ
Oil Change Intervals		h	250	
Preheating resistance			2 X 2000W - Standart to automatic Genset	

Alternator Specification	Description
Type	Brushless
Excitation	With Auxiliary Coil
Voltage Regulator	Electronic incorporated with dynamic response from 8 up to 500ms ; static control of 0,5%
IP Rating	IP23
Isulation Class	180°C (Class H)
Harmonic Distortion Without Load	< 5%
Short Circuit Current	3x IN during 10 s
Leads	12
Connection Box	Connectable in 3 Tensions
Bearing	Double
Cooling	Air
Mounting types	B35T
Winding Pitch	Shortened 2/3
Impregnation	Industrial Salinity Resistant with Salt Concentration =< 1 g/m3

Command Panel Specifications	Unit	Description
Type		Manual Automatic
Single Without Ramp		DEEP SEA DS4520
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 8" and stainless-steel bellows Hospitalar 8" and stainless-steel bellows
Width (W)	mm	1460 2440
Length (L)	mm	4800 6080
Height (H)	mm	2200 2590
Empty Weight	kg	5700 8600
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) 119 85
	7,0 m	dB(A) 101 NA

NA - Not Available

Updated: 17/09/2020

