

### 1. Genset 81 kVA - 50Hz



### POWERED BY



### 2. Informaciones Técnicas

Generator Specifications	Unidad	Descripción		
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	81 / 64	76 / 60	60 / 48
Diesel Engine Power	CV	115.4	103.2	82.8
Fuel Tank		Removable in the 200 liters base		
Consumption ± 5%	l/h	22.6	1	17.6
Fuel Tank Autonomy	h	4.4	5	5.7
Battery		12V - 95Ah - 750CCA		

Engine Specifications	Unidad	Descripción		
Model		Serie 12-4.12TG		
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 / Mechanical Direct		
Displacement	l	4.8		
Compression Ratio		16,9 : 1		
Alternator, standart equipment	A	90		
Starter, standart equipment	Vcc - kW	12 - 3,3		
Cooling System		Water + 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		
Fuel Type Specification		S500		
Fuel Filter		Pre-Filter	Main	
Fuel Filter Specification		N/A	85% p/ Particles > 7µm + 95% for water	
Oil Change Intervals	h	250		
Preheating resistance		1000W - Standart to automatic Genset		

Alternator Specification	Descripción
Type	Brushless
Excitation	Shunt
Voltage Regulator	Electronic incorporated with dynamic response from 0 up to 20ms ; static control of 1,5%
IP Rating	IP23
Isulation Class	180°C (Class H)
Harmonic Distortion Without Load	< 3%
Short Circuit Current	3x IN during 10 s
Leads	12
Connection Box	Connectable in 3 Tensions
Bearing	Single
Cooling	Air
Mounting types	B15T
Winding Pitch	Shortened 2/3
Impregnation	Industrial Salinity Resistant with Salt Concentration =< 1 g/m3

Command Panel Specifications	Unidad	Descripción	
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	Unidad	Descripción		
Type		Open Skid	Canopy	
Exhaust System		Industrial 3" and stainless-steel bellows;	Hospitalar 4" and stainless-steel bellows	
Width (W)	mm	1150	1014	
Length (L)	mm	2675	2322	
Height (H)	mm	1584	1580	
Empty Weight	kg	1150	1300	
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

ND - No Disponible

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