

**1. Genset 260 kVA - 60Hz****POWERED BY****2. Technical informations**

<b>Generator Specifications</b>		<b>Unit</b>	<b>Description</b>		
Regulation class			ISO8528		
Frequency	7,0 m	Hz		60	
Power Factor				0.8	
Three Phase Voltage	7,0 m	Vca	220 / 127-380 / 220 -440 / 254		
Operating System			Stand-By	Prime	COP
Genset Power	7,0 m	kVA / kW	260 / 208	240 / 192	190 / 152
Diesel Engine Power	7,0 m	CV	330.2	297.6	237.8
Fuel Tank			Removable in the 400 liters base		
Consumption ± 5%	7,0 m	l/h	58	53.2	48
Fuel Tank Autonomy	7,0 m	h	6.9	7.5	8.300000000000001
Battery			12V - 150Ah - 900CCA		

<b>Engine Specifications</b>		<b>Unit</b>	<b>Description</b>	
Model			Serie12-6.12TCAG	
Brand			MWM	
Application			Stationary	
Rotation	7,0 m	rpm	1800	
Configuration			04- stroke / 6 Cylinders in line	
Bore x Stroke	7,0 m	mm	105 x 137	
Aspiration Type / Injection System			Turbo Aftercooled / Mechanical Direct	
Displacement	7,0 m	l	7.2	
Compression Ratio			16,9 : 1	
Alternator, standart equipment	7,0 m	A	90	
Starter, standart equipment	7,0 m	Vcc - kW	12 - 3,3	
Cooling System			Water + Air + Blowing Ventilation System	
Coolant Total Capacity	7,0 m	l	33	
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	7,0 m	l	22	
Lube Oil Filter Replacement Interval	7,0 m	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	7,0 m	h	250	
Preheating resistance			1000W - Standart to automatic Genset	

**DIESEL GENSET****Genset MGD260.60**

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	
Insulation 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	7,0 m	Vca	220 / 127 - 380 / 220 - 440 / 254	
IP Rating			IP-23	
Dimensions (H x W x D)	7,0 m	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 4" and stainless-steel bellows;	Hospitalar 4" and stainless-steel bellows
Width (W)	mm		1150	1150
Length (L)	mm		2915	3471
Height (H)	mm		1833	2159
Empty Weight	kg		1830	2532
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]	
Noise Levels	1,5 m	dB(A)	103	85
Levels of noise	7,0 m	dB(A)	101	NA

NA - Not Available

Updated: 17/09/2020

