

1. Genset 150 kVA - 60Hz**POWERED BY****2. Technical informations**

Generator Specifications		Unit	Description		
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	150 / 120	136 / 109	110 / 88
Diesel Engine Power	7,0 m	CV	195.7	175.3	139.9
Fuel Tank			Removable in the 100 liters base		
Consumption ± 5%	7,0 m	l/h	34.4	31.3	25
Fuel Tank Autonomy	7,0 m	h	4.9	5.4	6.8
Battery			12V - 95Ah - 750CCA		

Engine Specifications		Unit	Description				
Model			Serie 12-4.12TCAG				
Brand			MWM				
Application			Stationary				
Rotation	7,0 m	rpm	1800				
Configuration			04- stroke / 4 Cylinders in line				
Bore x Stroke	7,0 m	mm	105 x 137				
Aspiration Type / Injection System			Turbo Aftercooled / Mechanical Direc				
Displacement	7,0 m	l	4.8				
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	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	7,0 m	l	10				
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 gensets				

DIESEL GENSET**Genset MGD150.60**

Alternator Specification		Description	
Type		Brushless	
Excitation		Shunt	
Voltage Regulator		Electronic incorporated with dynamic response from 0 up to 20ms ; static control of 1,5%	
IP Rating		IP23	
Insulation 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		Unit	Description	
Type			Manual	Automatic
Single Without Ramp			DEEP SEA	
			DS4520	
Single & Synchronising control			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 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		1170	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 - Not Available

Updated: 17/09/2020

