

1. Genset 12,5 KVA - 60Hz



POWERED BY



YANMAR



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	12,5 / 10	11,3 / 9	NA
Diesel Engine Power	7,0 m	CV	18	16.3	NA
Fuel Tank			24 liters on the base		
Consumption ± 5%	7,0 m	l/h	3.6	3.3	NA
Fuel Tank Autonomy	7,0 m	h	6,6	7,2	NA
Battery			12V - 60Ah - 480CCA		

Engine Specifications		Unit	Description		
Model			3TNV82A-GGE		
Brand			YANMAR		
Application			Stationary		
Rotation	7,0 m	rpm	1800		
Configuration			04- stroke / 3 Cylinders in line		
Bore x Stroke	7,0 m	mm	82 x 84		
Aspiration Type / Injection System			Naturally / Mechanical Direct		
Displacement	7,0 m	l	1.331		
Compression Ratio			19,2 : 1		
Alternator, standart equipment	7,0 m	A	40		
Starter, standart equipment	7,0 m	Vcc - kW	12 - 1,2		
Cooling System			Water + Blowing Ventilation System		
Coolant Total Capacity	7,0 m	l	2		
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	5.5		
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		

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
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	Unit	Description
Type		Manual Automatic
Single Without Ramp		DEEP SEA DS4520
Single With Ramp		NA NA
Parallel Without Ramp		NA NA
Parallel With Ramp		NA NA
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	870 x 450 x 200
Protection		Manual thermomagnetic circuit-breaker - tripolar fixed
Parallelism Connection between Generators		NA
Battery Charger		YES NO

Assembly Specifications	Unit	Description
Type		Open Skid Canopy
Exhaust System		Industrial 3" and stainless-steel bellows; Hospitalar 3" and stainless-steel bellows
Width (W)	mm	825 825
Length (L)	mm	1390 1390
Height (H)	mm	995 995
Empty Weight	kg	394 579
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)	98 NA

NA - Not Available

Updated: 17/05/2022

