

# SPECIFICATION

26, SEP, 2016 R0

Model			YH110DSLS		YH170DSLS		YH220DSLS		YH280DSLS		YH440DSLS		
			-5F	-5F2	-5F	-5F2	-5F	-5F2	-5F	-5F2	-5F	-5F2	
Generator	Frequency	Hz	50										
	Voltage	V	240										
	Current	A	25.4	42.1	58.8	68.3	110						
	Output	Stand-by Power rating	kVA	6.6	10.8	15.3	17.9	29.2					
			kW	6.6	10.8	15.3	17.9	29.2					
		Prime power rating	kVA	6.1	10.1	14.1	16.4	26.6					
			kW	6.1	10.1	14.1	16.4	26.6					
	Revolutions	min <sup>-1</sup>	1500										
	Phase and wire		Single phase - 2 wire										
	Power factor	%	1.0										
Insulation		H ( Stator, Rotor )											
No. of poles		4											
Excitation		Brushless AVR											
Engine	Type		Vertical water-cooled, 4-stroke diesel										
	Model		3TNV76-GGEH	3TNV88-GGEH	4TNV88-GGEH	4TNV84T-GGEH	4TNV98-GGEH						
	No. of cyls - bore x stroke	mm	3 - 76 x 82	3 - 88 x 90	4 - 88 x 90	4 - 84 x 90	4 - 98 x 110						
	Displacement	L	1.115	1.642	2.189	1.995	3.318						
	Continuous rating output	kW	8.1	12.2	16.4	19.1	30.7						
	Rated output	kW	9.0	13.2	18.0	21.0	34.1						
	Revolutions	min <sup>-1</sup>	1500										
	Combustion system		Direct injection										
	Cooling system		Radiator										
	Aspiration		Natural Aspiration					Turbocharged	Natural Aspiration				
	Lubricating system		Forced lubrication with multi-stage trochoid pump										
	Starting system		Electric starting										
	Fuel		Diesel fuel ( BS2869 A1 or A2 )										
	Lubricating oil		API service : CD grade										
	Cooling water	Engine	L	0.9	2.0	2.7	2.7	4.2					
		Radiator	L	1.2	1.2	2.2	2.4	3.8					
	Lubricant qty	Total	L	3.4	6.7	7.4	7.4	10.5					
Effective		L	1.6	2.8	3.4	3.4	5.0						

**YANMAR**

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		-5F	-5F2	-5F	-5F2	-5F	-5F2	-5F	-5F2	-5F	-5F2	
Engine	Starting motor	V-kW	12-1.1		12-1.2		12-1.4		12-1.4		12-2.3	
	Charging alternator	V-A	12-40									
	Recommended battery capacity	V-AH	12 - 66				12 - 92					
Controller		M7										
Unit (Silent type)	Outline	Length	mm		1475				2100			
		Width	mm		750				975			
		Height	mm	1010	1183	1010	1183	1217	1277	1217	1277	1217
	Fuel tank capacity	L	22	100	22	100	85	190	85	190	85	190
	Dry mass	kg	591	656	609	674	775	841	785	851	870	936