

**AL WALID EQUIPMENT RENTAL LLC**

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BRUSHLESS GENERATORS

# YTG series

Capacity  
5~15kVA





YTG10S



YTG15T



Control panel

## SPECIFICATIONS

		Single Phase(2Wire)			3 Phase(4Wire)				
Model		YTG5.0S	YTG6.5S	YTG10S	YTG6.5T	YTG9.0T	YTG12.5T	YTG15T	
Alternator	Alternator Model	S16F-180/B	S20FS-160/A	S20FS-200/A	ECO3-1S	ECO3-2S	ECO3-3S	ECO3-1L	
	Alternator Weight	kg	33.2	50	57	57	63	69	78
	Insulation Class	H							
	Operation Condition	Ambient temperature not exceeding 50°C Attitude not exceeding 1000m							
Engine	YANMAR	TF90M	TF120M	TF160M	TF90M	TF120M	TF160M	TF190R	
	Type	Horizontal, 4-cycle, water-cooled diesel engine							
	Bore x stroke	mm	85x87	92x96	102x105	85x87	92x96	102x105	110x106
	Displacement	liters	0.493	0.638	0.857	0.493	0.638	0.857	1.007
	Cont. output	hp	8.5	10.5	14	8.5	10.5	14	16
	Rated output	hp	9.5	12	16	9.5	12	16	19
	Revolutions	min <sup>-1</sup> (rpm)	2400						2200
	Starting system	Hand Starting or electric starting(optional)							
	Cooling system	Radiator							
	Lubricating system	Fully sealed forced lubrication with trochold pump & hydraulic regulator valve							
	Combustion system	Direct injection							
	Lub. Oil capacity	liters	2.2	2.8	3.0	2.2	2.8	3.0	3.6
	Fuel tank capacity	liters	10.5	11.0	14.3	10.5	11.0	14.3	13.7
	Generator set	Capacity	kVA	5	6.5	10	6.5	9	12.5
		kW	5	6.5	10	5.2	7.2	10	12
Frequency		Hz	Available in either 50Hz or 60Hz						
Revolutions		min <sup>-1</sup> (rpm)	3000 for 50Hz/3600 for 60Hz						
No.of phase		Single Phase(2 Wire)			3Phase(4 Wire)				
Power factor		1			0.8				
Excitation system		Brushless,self-excitation system							
Drive system		V-belt drive							
Voltage(Standard)		V	220			220/380			
Recommend cable dia		mm	6-16						
Recommend earth cable	Equal to the conductor size								
Dimension	Ampere	A	22.7	29.5	45.5	9.9	13.7	19	22.8
	Dimension length	mm	1170	1220	1287	1235	1290	1337	1444
	Dimension width	mm	480	559	599	599	599	599	650
	Dimension height	mm	600	684	704	684	704	704	764
	Net weight(dry)	kg	170	180	307	198	243	318	388

### Optional:

1. Voltage for 3Phase model: 127/220V, 230/400V, 240/415V
2. Electric Starting
3. Battery and cables
4. Wheel Castors

### Standard Scope of Supply:

1. Tool kits
2. Additional V-Belt
3. Element F.O Strainer
4. Instruction Manual

Note : All data subject to alteration without notice.

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