YANMAR

WATER COOLED DIESEL GENERATOR

YTG series

5kW ~ 12 kW



Get More Power with Lower Fuel Comsumption



Get more power and portable with Yanmar YTG Series

A robust and durable diesel generator available in capacity range from 5kW to 12kW models (Single Phase /3 Phase). Delivering high power with lower fuel consumption for your equipment. It has Auto Voltage Regulator (AVR), brushless alternator and easy for maintenance. Reliable water-cooled diesel generators powered by Yanmar TF/TS series.

- **Rubber Mounting**
  Equipped with rubber mounting, to absorb the vibration and make the generator unit durable
- **Wheels (optional)**
  Move genset unit easier on wheels
- **High quality Frame**
  Made of high quality robust frame
- **Electric Starter (optional)**
  Easier start up process

YTG series


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℃						
			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^{-1}(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	lit./h	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	15
		kW	5	6.5	10	5.2	7.2	10	12
	Frequency	Hz	Available in either 50Hz or 60Hz						
	Revolutions	min^{-1}(rpm)	3000 for 50Hz/3600 for 60Hz						
	No.of phase		Single Phase (2Wire)			3Phase (4Wire)			
	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						
	Ampere	A	22.7	29.5	45.5	9.9	13.7	19	22.8
Dimension	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 3 Phase 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.

YTG_A1021

Headquarter (Office)
YANMAR ASIA (SINGAPORE) CORPORATION PTE LTD
4 Tuas Lane, Singapore 638613
Tel: (65) 6861 3855 ext 233
Fax: (65) 6862 5195
Email: yasc-pwp@yanmar.com
www.yanmar.com/sg

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