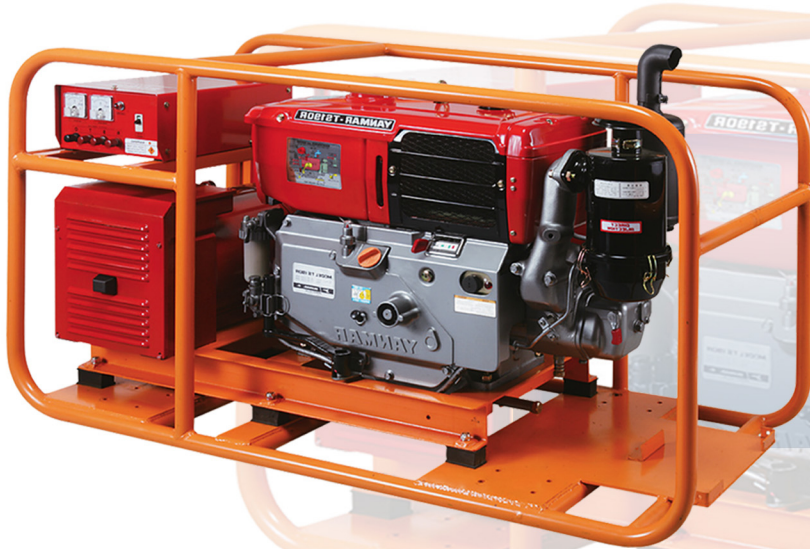


**YANMAR**

**DIESEL GENERATOR**  
AIR COOLED voo 2700w

**YDG**SERIES  
AIR COOLED DIESEL  
GENERATOR



**YTG**SERIES  
WATER COOLED DIESEL  
BRUSHLESS GENERATOR



**YANMAR**



# SPECIFICATIONS

## YDG SERIES (AIR COOLED DIESEL GENERATORS)

	Model	YDG2700N		YDG3700N		YDG5500N		YDG6600TN		
Generator	Type	Revolving field type 2 pole generator								
	Frequency(Hz)	50	60	50	60	50	60	50	60	
	Max. AC output(kVA)	2.2	2.7	3.2	3.7	4.6	5.5	5.5	6.6	
	Cont. AC output(kVA)	2.0	2.5	3.0	3.5	4.2	5.0	5.0 (1.7)	6.0 (2.0)	
	DC output(generator&charger) V-A	12 - 8.3								
	Voltage (V)	120 , 220, 240, 110 / 220, 120 / 240							380 (220)	
Engine	Rated power factor(%)	100								
	Phase	Single phase							3-phase (single)	
	Excitation system	Self-excitation								
	Model	L48N5/6-G( E )Y		L70N5/6-G( E )Y		L100N5/6-G( E )Y		L-100N5/6-GEY1		
	Type	Vertical, 4-cycle, air-cooled diesel engine								
	Displacement (cc)	219		320				435		
	Cont. output kW/min <sup>-1</sup> (rpm)	2.8 / 3000	3.1 / 3600	4.1 / 3000	4.4 / 3600	5.7 / 3000	6.6 / 3600	5.7 / 3000	6.6 / 3600	
	Starting system	Recoil or Recoil / Electric							Electric	
	Combustion system	Direct Injection								
	Governor system	All speed by centrifugal weight								
Unit	Fuel oil	Diesel fuel oil								
	Fuel tank capacity (L)	7.2				13				
	Lube oil capacity (L)	0.8		1.1				1.65		
	Operation capacity (One tankful)* approx (hr)	7.0	6.5	9.5	8.0	7.0	6.0	5.5	4.9	
	Noise level at /m (approx.) dB (A)	79	80	81	82	84	85	84	85	
	Dimensions L x W x H (Recoil) mm	590 x 416 x 500		650 x 496 x 530		720 x 480 x 578		-		
	Dry weight (Recoil) kg	55		70		95		-		
	Dimensions L x W x H (Electric) mm	649 x 416 x 500		650 x 496 x 530		720 x 480 x 578		-		
	Dry weight (Electric) kg	64		82		108		-		

## YTG SERIES (WATER COOLED DIESEL BRUSHLESS GENERATOR)

Model	Single phase (2 wire)			3 phase (4 wire)			
	YTG5.0S	YTG6.5S	YTG10S	YTG6.5T	YTG9.0T	YTG12.5T	YTG15T
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						
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 (L)	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 (rpm))	2400						
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 (L)	10.5	11.0	14.3	10.5	11.0	14.3	13.7
Capacity (kVA/kW)	5 / 5	6.5 / 6.5	10 / 10	6.5 / 5.2	9 / 7.2	12.5 / 10	15 / 12
Frequenzy (Hz)	Available in either 50Hz or 60Hz						
Revolutions (min (rpm))	3000 for 50Hz / 3600 for 60Hz						
No. of phase	Single phase (2 wire)			3 phase (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						
Ampere (A)	22.7	29.5	45.5	9.9	13.7	19	22.8
Dimension L x W x H (mm)	1170 x 480 x 600	1220 x 559 x 684	1287 x 599 x 704	1235 x 599 x 684	1290 x 599 x 704	1337 x 599 x 704	1444 x 650 x 764
Net weight (dry) kg	170	180	307	198	243	318	388

Note: All data subject to alteration without notice.

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