

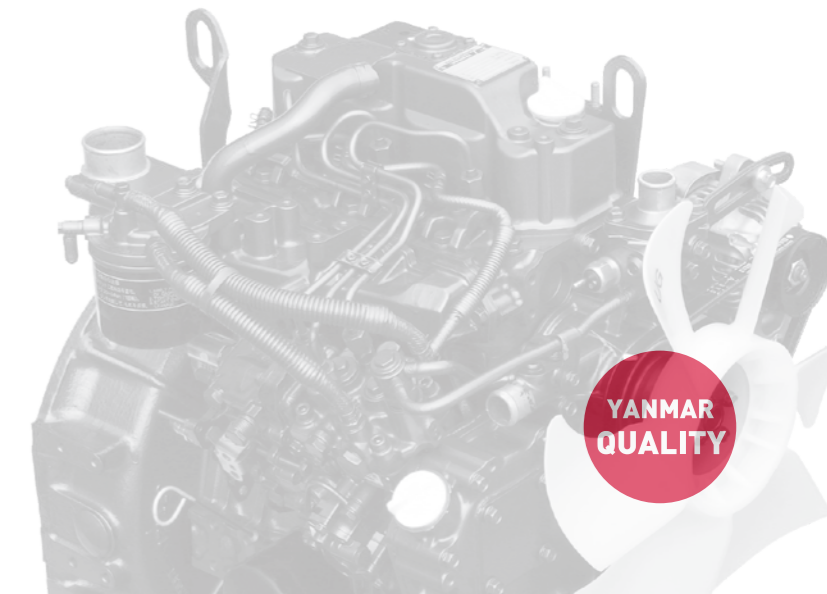


YANMAR

DIESEL GENERATORS

YEG Series

Generator Output 7.5kVA ~ 74.0kVA



**YANMAR
QUALITY**

ACCESSORIES

○ : Standard, ■ : Not applicable, ▲ : Option

Bonnet type		Canopy type		Silent type		
Model		YEG150DT(S)HC	YEG300DT(S)HC	YEG150DT(S)HS	YEG170DT(S)LS	
		YEG200DT(S)HC	YEG400DT(S)HC	YEG200DT(S)HS	YEG230DT(S)LS	
		—	YEG500DT(S)HC	YEG300DT(S)HS	YEG450DT(S)LS	
		—	—	YEG400DT(S)HS	YEG650DT(S)LS	
		—	—	YEG500DT(S)HS	YEG750DT(S)LS	
Meter, gauge control panel	Frequency meter	■	○	○	○	
	AC voltmeter	○	○	○	○	
	AC ammeter	■	○	○	○	
	Ammeter select switch	■	■	▲	▲	
	Voltage regulator	■	○	○	○	
	Circuit breaker	○	○	○	○	
	Pilot lamp	■	○	○	○	
	Hour meter	○	○	○	○	
	Fuel level gauge	○	○	○	○	
	Starting key switch	○	○	○	○	
	Emergency stop button	■	○	○	○	
	Warning lamp	Water temp.	○	○	○	○
		L.O pressure	○	○	○	○
		Battery charge	○	○	○	○
Protection system control panel	High water temp.	○	○	○	○	
	Low oil pressure	○	○	○	○	
	Battery charge	○	○	○	○	
	Over current shut off trip	○	○	○	○	
Output terminal	3-phase, 4-wire terminals	○	○	○	○	
	Single-phase, 2-wire terminals	○	○	○	○	
	Single-phase, 3-wire terminals	▲	▲	▲	▲	
	Ground terminal	○	○	○	○	
Others	Terminal for AMF/ATS panels	○	○	○	○	
	Remote start/stop system	▲	▲	▲	▲	
	Automatic start/stop system	▲	▲	▲	▲	

OPTIONAL PARTS

Automatic Mains Failure Panel

Against power cuts in the commercial supply, the YEG can be set to start automatically when the power goes off, and stop when it comes back on. You know that you can trust the New YEG to do the work that is needed, and stop when you don't want it on.



Terminal for AMF/ATS panels



YANMAR ENERGY SYSTEM CO., LTD.

Umeda Gate Tower, 1-9, Tsurunocho, Kita-ku, Osaka 530-0014, Japan

Telephone : 06-7636-2213

Facsimile : 06-7636-1072

<https://www.yanmar.com/global/>

Distributed by

The New YEG Series Know the Dependability and Economy of World Class Power Generation



Control panel:YEG500DSHC
Control panel:YEG500DTHC



Control panel:YEG450DSLS
Control panel:YEG450DTLS



Control panel:YEG140

DIMENSIONS

Unit=mm

Outline	Canopy type					Silent type					
	YEG150DSHC	YEG200DSHC	YEG300DSHC	YEG400DSHC	YEG500DSHC	YEG140DSHS	YEG150DSHS	YEG200DSHS	YEG300DSHS	YEG400DSHS	YEG500DSHS
L	1200	1300	1480	1480	1300	1400	1600	1830	1600	1830	1830
W	610	670	670	670	640	660	700	700	700	700	700
H	850	920	920	920	690	900	950	950	950	950	950
4 pole, Single phase			YEG170DSL	YEG230DSL	YEG450DSL		YEG170DSL	YEG230DSL	YEG450DSL	YEG650DSL	YEG750DSL
4 pole, 3 phase			YEG170DTL	YEG230DTL	YEG450DTL		YEG170DTL	YEG230DTL	YEG450DTL	YEG650DTL	YEG750DTL
L			1300	1480	1600		1600	1830	2050	2300	2300
W			670	670	750		700	750	750	900	900
H			920	920	1000		950	950	1050	1250	1250

SPECIFICATIONS YEG SERIES (DIESELGENERATORS)

[2 pole series]

Single phase	Canopy type		YEG150DSHC		YEG200DSHC		YEG300DSHC		YEG400DSHC		YEG500DSHC	
	Silent type		YEG150DSHS		YEG200DSHS		YEG300DSHS		YEG400DSHS		YEG500DSHS	
Output	Stand by power rating	Prime power rating	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	
			kVA	kW	10.1	12.2	12.8	15.2	19.2	22.3	26.6	30.4
kVA	kW	10.1	12.2	12.8	15.2	19.2	22.3	26.6	30.4	34.3		
kVA	kW	9.1	11.0	11.7	13.8	17.5	20.3	24.1	28.0	30.4		
kW	kW	9.1	11.0	11.7	13.8	17.5	20.3	24.1	28.0	30.4		
Voltage	2wire (3wire)	V	220,230,240 (110/220,115/230,120/240)									
Power factor	1.0											
3 phase	Canopy type		YEG150DTHC		YEG200DTHC		YEG300DTHC		YEG400DTHC		YEG500DTHC	
	Silent type		YEG150DTHS		YEG200DTHS		YEG300DTHS		YEG400DTHS		YEG500DTHS	
Output	Stand by power rating	Prime power rating	kVA	13.3	16.0	16.9	20.0	25.2	29.4	35.0	40.1	45.2
			kW	10.6	12.8	13.5	16.0	20.1	23.5	28.0	32.0	36.1
kVA	12.0	14.5	15.3	18.2	23.0	26.8	31.8	36.9	40.0	40.0		
kW	9.6	11.6	12.3	14.5	18.4	21.4	25.4	29.5	32.0	32.0		
Voltage	3 phase	V	380	380/220	380	380/220	380	380/220	380	380/220	380	
V	Single phase	V	220	220/127	220	220/127	220	220/127	220	220/127	220	
Power factor	0.8											
Revolutions	min-1(rpm)		3000	3600	3000	3600	3000	3600	3000	3600	3000	
Engine model	Canopy type		3TNV70-HGB2C		3TNV76-HGB2C		3TNE84-GB2C		4TNE84-GB2C		4TNE84T-GB2C	
Silent type			3TNV70-HGB2B		3TNV76-HGB2B		3TNE84-GB2B		4TNE84-GB2B		4TNE84T-GB2B	
Fuel consumption*1)	100% load	lit./hr	3.9	5.1	4.8	6.2	6.3	7.5	8.4	10.0	10.2	
	75% load	lit./hr	2.9	3.8	3.6	4.7	4.7	5.6	6.3	7.5	7.7	
Noise level*2) (100% load,7m)	Canopy type	dB(A)	75	80	81	81	86	89	87	88	83	
	Silent type	dB(A)	67	71	69	72	71	75	72	72	71	
Dry mass*3)	Canopy type	kg	305		320		450		505		530	
	Silent type	kg	415		435		565		655		675	

*1) There is a possibility of the maximum+5% for the fuel consumption. *2) There is a possibility of the maximum+3dB (A) for the noise level. *3) There is a possibility of the maximum+5% for the dry mass.

[4 pole series]

Out put of Single phase	Canopy type		YEG170DSL <th colspan="2">YEG230DSL <th colspan="2">YEG450DSL <th colspan="2">YEG650DSL <th>YEG750DSL </th></th></th></th>		YEG230DSL <th colspan="2">YEG450DSL <th colspan="2">YEG650DSL <th>YEG750DSL </th></th></th>		YEG450DSL <th colspan="2">YEG650DSL <th>YEG750DSL </th></th>		YEG650DSL <th>YEG750DSL </th>		YEG750DSL		
	Silent type		YEG170DSL <th colspan="2">YEG230DSL <th colspan="2">YEG450DSL <th colspan="2">YEG650DSL <th>YEG750DSL </th></th></th></th>		YEG230DSL <th colspan="2">YEG450DSL <th colspan="2">YEG650DSL <th>YEG750DSL </th></th></th>		YEG450DSL <th colspan="2">YEG650DSL <th>YEG750DSL </th></th>		YEG650DSL <th>YEG750DSL </th>		YEG750DSL		
Output	Stand by power rating	Prime power rating	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
			kVA	kW	10.8	13.0	14.4	17.3	28.2	33.5	38.6	45.5	45.7
kVA	kW	10.8	13.0	14.4	17.3	28.2	33.5	38.6	45.5	45.7	54.3		
kVA	kW	9.8	11.8	13.1	15.7	25.2	29.8	35.1	41.3	41.5	49.3		
kW	kW	9.8	11.8	13.1	15.7	25.2	29.8	35.1	41.3	41.5	49.3		
Voltage	2wire (3wire)	V	220,230,240 (110/220,115/230,120/240)										
Power factor	1.0												
Out put of 3 phase	Canopy type		YEG170DTL <th colspan="2">YEG230DTL <th colspan="2">YEG450DTL <th colspan="2">YEG650DTL <th>YEG750DTL </th></th></th></th>		YEG230DTL <th colspan="2">YEG450DTL <th colspan="2">YEG650DTL <th>YEG750DTL </th></th></th>		YEG450DTL <th colspan="2">YEG650DTL <th>YEG750DTL </th></th>		YEG650DTL <th>YEG750DTL </th>		YEG750DTL		
	Silent type		YEG170DTL <th colspan="2">YEG230DTL <th colspan="2">YEG450DTL <th colspan="2">YEG650DTL <th>YEG750DTL </th></th></th></th>		YEG230DTL <th colspan="2">YEG450DTL <th colspan="2">YEG650DTL <th>YEG750DTL </th></th></th>		YEG450DTL <th colspan="2">YEG650DTL <th>YEG750DTL </th></th>		YEG650DTL <th>YEG750DTL </th>		YEG750DTL		
Output	Stand by power rating	Prime power rating	kVA	13.8	16.7	18.7	22.7	37.4	44.4	54.1	64.1	62.0	74.0
			kW	11.1	13.4	14.9	18.1	29.9	35.5	43.3	51.3	49.6	59.2
kVA	12.6	15.2	17.0	20.6	33.4	39.6	49.2	58.3	56.2	67.2	67.2		
kW	10.1	12.1	13.6	16.5	26.7	31.7	39.3	46.6	45.0	53.8	53.8		
Voltage	3 phase	V	380	380/220	380	380/220	380	380/220	380	380/220	380	380	
V	Single phase	V	220	220/127	220	220/127	220	220/127	220	220/127	220	220	
Power factor	0.8												
Revolutions	min-1(rpm)		1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	
Engine model	Canopy type		3TNV88-GGB1C		4TNV88-GGB1C		4TNV98-GGB1C		4TNV106-GGB1B		4TNV106T-GGB1		
Silent type			3TNV88-GGB1B		4TNV88-GGB1B		4TNV98-GGB1B		4TNV106-GGB1B		4TNV106T-GGB1		
Fuel consumption*1)	100% load	lit./hr	3.3	4.1	4.3	5.3	7.9	9.7	11.4	14.0	12.4	16.0	
	75% load	lit./hr	2.5	3.1	3.2	4.0	5.9	7.3	8.6	10.5	9.3	12.0	
Noise level*2) (100% load,7m)	Canopy type	dB (A)	73	74	74	76	78	82	—	—	—	—	
	Silent type	dB (A)	57	61	58	63	62	65	68	69	65	67	
Dry mass*3)	Canopy type	kg	445		515		715		—		—		
	Silent type	kg	575		635		890		1210		1230		

*1) There is a possibility of the maximum+5% for the fuel consumption. *2) There is a possibility of the maximum+3dB (A) for the noise level. *3) There is a possibility of the maximum+5% for the dry mass.

[POWERED BY MINIMAX ENGINE]

Out put	Canopy type		YEG140DSHS				YEG140DTHS				
	Silent type		Single phase				3phase				
Output	Stand by power rating	Prime power rating	50Hz		60Hz		50Hz		60Hz		
			kVA	kW	8.8	8.8	11.0	11.0	11.8	11.8	14.0
kVA	kW	8.0	8.0	10.0	10.0	10.8	10.8	12.7	12.7		
kW	kW	8.0	8.0	10.0	10.0	8.6	8.6	10.2	10.2		
Voltage	3phase-4wire	V	—				380,400,415				
V	2wire (3wire)	V	220,230,240				220 (220/110),240 (240/120)				
Power factor	1.0										
Revolutions	min-1(rpm)		3000				3600				
Engine model	Canopy type		3TNM68-HGB2B								
Silent type			3TNM68-HGB2B								
Fuel consumption*1)	100% load	lit./hr	3.0		4.0		3.0		4.0		
	75% load	lit./hr	2.3		3.0		2.3		3.0		
Noise level (4/4load,7m)*2)	dB(A)		65				69				
Dry mass*3)	kg		320								

*1) There is a possibility of the maximum+5% for the fuel consumption. *2) There is a possibility of the maximum+3dB (A) for the noise level. *3) There is a possibility of the maximum+5% for the dry mass.