

YDG series

AIR COOLED DIESEL GENERATORS

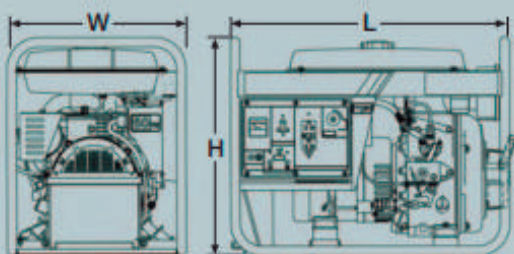
MAX. AC Output

2.2~6.6kVA



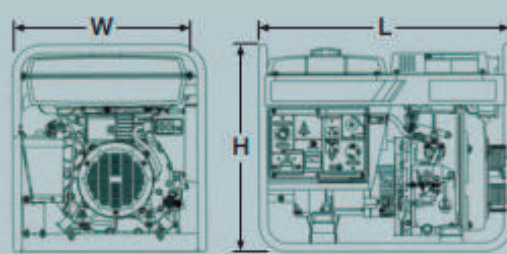
DIMENSIONS

YDG-2700N



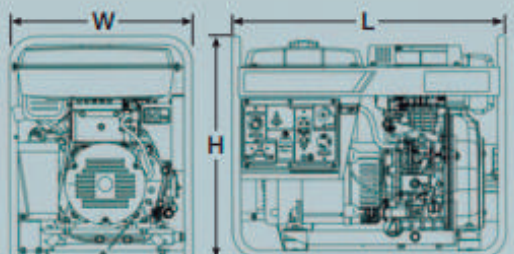
		L	W	H
YDG-2700N	(Recoil)	590(23.23)	416(16.38)	500(19.69)
	(Electric)	649(25.55)	416(16.38)	500(19.69)

YDG-3700N



		L	W	H
YDG-3700N	(Recoil)	650(25.59)	496(19.53)	530(20.87)
	(Electric)	650(25.59)	496(19.53)	530(20.87)

YDG-5500N / YDG-6600TN



		L	W	H
YDG-5500N	(Recoil)	720(28.35)	480(18.90)	578(22.76)
	(Electric)	720(28.35)	480(18.90)	578(22.76)
YDG-6600TN	(Recoil)	-	-	-
	(Electric)	720(28.35)	480(18.90)	578(22.76)



Control panel: YDG3700N-E

ACCESSORIES

Model		YDG2700N	YDG3700N	YDG5500N	YDG6600TN
AC dual voltage		●	●	●	-
AC breaker		○	○	○	○
12V DC output		○	○	○	-
DC breaker		○	○	○	-
Voltage meter	Single	○	○	○	●
	Dual	●	●	●	○
Pilot lamp		-	-	-	-
Oil alert		○	○	○	○
Fuel gauge		○	○	○	○
Recoil start		○	○	○	-
Electric start		●	●	●	○
Tool set		○	○	○	○

SPECIFICATIONS

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)	
	Rated power factor %	100						80 (100)	
	Phase	Single phase						3-phase(single)	
Excitation system		Self-excitation						Self & separate excitation	
Engine	Model	L48N5/6-G(E)Y		L70N5/6-G(E)Y		L100N5/6-G(E)Y		L-100N5/6-GEYT	
	Type	Vertical, 4-cycle, air-cooled diesel engine							
	Displacement cc	219		320		435			
	Cont. output kW/min ¹ (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							
	Fuel oil	Diesel fuel oil							
	Fuel tank capacity lit.	7.2				13			
	Lube oil capacity lit.	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
Unit	Noise level at 7m (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			

YTB5.0S

BRUSHLESS GENERATORS

Capacity: 5.0kVA



SPECIFICATIONS

Generator set	Single Phase(2Wire)	
	Model	YTB5.0S
	Capacity	kVA 5.0
		kW 5.0
	Frequency	Hz 50/60
	Revolutions	rpm ⁻¹ 3000/3600
	No.of phase	Single Phase(2 Wire)
	Power factor	1.0
	Excitation system	Brushless,self-excitation system
	Drive system	V-belt drive
	Voltage(Standard)	V 220, 110/220
	Ampere	A 22.7, 45.4 / 22.7
Engine	Model	TF90M
	Type	Horizontal water-cooled,4-cycle diesel engine
	Bore x stroke	mm 85x87
	Displacement	liters 0.493
	Cont.output	kW 6.3
	Rated output	kW 7.0
	Revolutions	min ⁻¹ 2400
	Starting system	Hand Starting or electric starting (optional)
	Cooling system	Radiator
	Lubricating system	Fully sealed forced lubrication with trochoid pump & hydraulic regulator valve
	Combustion system	Direct injection
	Lub. Oil capacity liters	lit/h 2.2
	Fuel tank capacity	liters 10.5

Unit	Single Phase(2Wire)	
	Model	YTB5.0S
	Dimension length	mm 1170
	Dimension width	mm 480
	Dimension height	mm 600
Net weight (dry)	kg	189(Manual start)
		200(Electric start)

Standard Scope of Supply:

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

Optional:

1. Electric Starting
2. Battery and cables
3. Wheel Castors

2-Pole, Single-phase, Silent type

Generator Output 5.1/5.8kVA



SPECIFICATIONS

Model			eG55N		
Generator	Frequency	Hz	50	60	
	Type		Self exciting, field rotating, AVR		
	AC Output	Max.	kVA	5.1	5.8
		Cont.	kVA	4.5	5.2
	DC output (generator & charger)	DCV-A	12-8.3		
	Voltage	V	220, 230, 240	220, 110 / 220	
	Current cont.	A	20.5, 19.6, 18.8	23.6, 47.3 / 23.6	
	Phase and wire		Single phase, 2-wire		
	Power factor		1.0		
	Insulation		H (Stator, rotor)		
No. of poles		2			
Engine	Type		Vertical, air-cooled, 4-stroke diesel		
	Model		L100N5	L100N6	
	No. of Cylinder-bore×stroke	mm	1-86×75		
	Displacement	L	0.435		
	Rated output	Max.	kW	6.5	7.4
		Cont.	kW	5.7	6.6
	Revolutions	min ⁻¹	3000	3600	
	Combustion system		Direct injection		
	Cooling system		Forced air by flywheel fan		
	Lubrication system		Forced lubrication with trochoid pump		
	Starting system / Motor	V-kW	Electric / 12-0.8		
	Fuel		Diesel fuel (BS 2869 A1 or A2)		
	Lubrication oil		SAE Class: CD grade or higher (10W 30)		
Unit	Fuel consumption (75%) load	L/hr	1.40	1.63	
	Recommended battery capacity	V-Ah	12-28		
	Dimensions	L×W×H	mm		964×524×785
	Fuel tank capacity	L	14.5		
	Dry weight	kg	171		
	Noise level (7m)	(No load)	dB(A)	71.0	72.0
		Cont. (100% load)	dB(A)	72.0	73.0

Note : All data subject to alteration without notice.

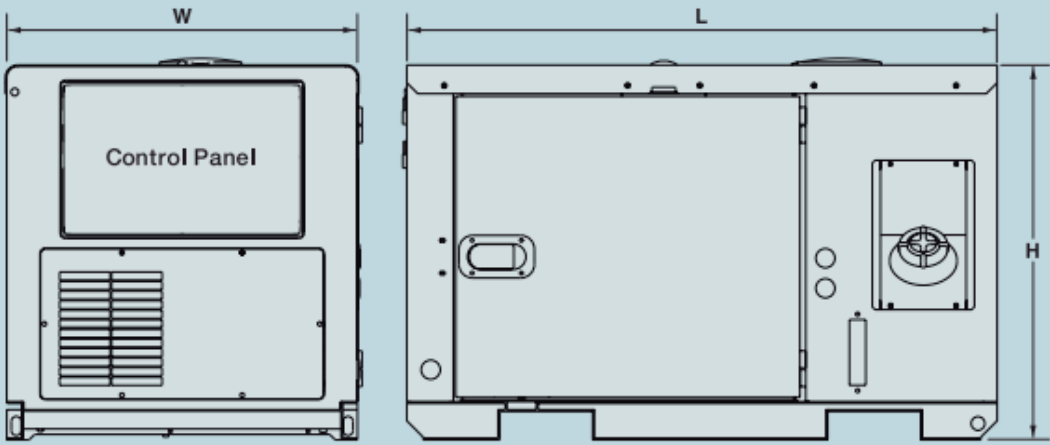
Generator Output 7.5kVA/11kVA



SPECIFICATIONS

Model			eG100i	eG140i
Frequency			50 / 60	
Generator	Output	Stand-by power rating	kVA 7.5	11.0
		kW	7.5	11.0
		Prime power rating	kVA 7.0	10.2
		kW	7.0	10.2
	Voltage		220 (110, 120, 240)	
	Current(Prime)		31.8 (63.6, 58.3, 29.2)	
	Phase and wire		Single Phase, 2 wire	
	Power factor		100	
	Insulation class		Class B	
	No. of poles		Multipole	
Inverter	Excitation		PMG type	
	Control system		CVCF (Voltage & frequency control system)	
	Voltage wave		Sine wave	
	Type		Vertical, 4-cycle, water-cooled diesel	
	Model		2TNV70-ASG	3TNM66-ASG
	No. of Cylinders-bore x stroke		mm 2-70 x 74	3-68 x 72
	Displacement		lit. 0.570	0.784
	Continuous rating output		kW/min ⁻¹ 8.4 / 3600	12.5 / 3600
	Rated output		kW/min ⁻¹ 9.3 / 3600	13.8 / 3600
	Revolutions		min ⁻¹ 2300 ~ 3400	
Engine	Combustion system		Indirect injection (IDI)	
	Cooling System		Radiator	
	Aspiration		Natural Aspiration	
	Lubricating system		Forced lubrication by trochoid pump	
	Starting system		Electric starting	
	Fuel		Diesel fuel (BS2889A1 or equivalent)	
	Lubricant		SAE 10W - 30, API class : CD or higher	
	Cooling water qty	Engine	lit. 0.9	1.0
		Radiator	lit. 1.6	1.2
	Lubricant qty	Total	lit. 2.2	3.2
		Effective	lit. 1.0	1.5
Unit	starting motor		V-kW 12 - 1.0	12 - 1.2
	Charging dynamo		V-A 12 - 40	
	Battery(5HR)		V-AH 12 - 36 (46B24L or 55B24L)	12 - 36 (46B24L)
	Fuel consumption	25% load	lit./hr 1.1	1.6
		50% load	lit./hr 1.6	2.3
		75% load	lit./hr 2.2	3.2
		100% load	lit./hr 3.0	4.3
	Noise level(7m)	25% load	dB(A) 63.5	64.0
		70% load	dB(A) 65.5	66.0
		100% load	dB(A) 67.5	68.0
	Fuel tank capacity		lit. 30	40.7
	Dry weight		kg 257	278

DIMENSIONS

Silent type		
Construction		
Model	eG100i	eG140i
L	1080 (42.5)	1184 (46.6)
W	647 (25.5)	670 (26.4)
H	686 (27.0)	770 (30.3)

ACCESSORIES

		○:Standard ▲:Option	
Model	Silent type	eG100i	eG140i
Generator control panel	AC voltmeter	○	○
	Circuit breaker	○	○
	Pilot lamp	○	○
Engine control panel	Engine speed (7seg,Display)	○	○
	Hour meter (7seg,Display)	○	○
	Fuel level gauge	○	○
	Starting key switch	○	○
	7seg,Display		
	Water temp,(E052)	○	○
	L.O press,(E051)	○	○
Protection system	Warning lamp	○	○
	Battery charge	○	○
	High water temp.	○	○
	Low oil press.	○	○
	Battery charge	○	○
Output terminal	Over current shut off trip	○	○
	Concent terminal bolt	○	○
Others	Remote start/stop system	▲	▲
	Automatic start/stop system	▲	▲
	Terminal for AMF/ATS panels	○	○

YEG series

Generator Output 7.5kVA/74.0kVA



SPECIFICATIONS

YEG SERIES (DIESELGENERATORS)

[2 pole series]

Single phase	Canopy type		—	YEG150DSHC		YEG200DSHC		YEG300DSHC		YEG400DSHC		YEG500DSHC
	Silent type			YEG150DSHS		YEG200DSHS		YEG300DSHS		YEG400DSHS		YEG500DSHS
	Frequency			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz
	Output	Stand by power rating	kVA	10.1	12.2	12.8	15.2	19.2	22.3	26.6	30.4	34.3
			kW	10.1	12.2	12.8	15.2	19.2	22.3	26.6	30.4	34.3
		Prime power rating	kVA	9.1	11.0	11.7	13.8	17.5	20.3	24.1	28.0	30.4
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	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
		Prime power rating	kVA	12.0	14.5	15.3	18.2	23.0	26.8	31.8	36.9	40.0
			kW	9.6	11.6	12.3	14.5	18.4	21.4	25.4	29.5	32.0
	Voltage	3 phase	V	380	380/220	380	380/220	380	380/220	380	380/220	380
		Single phase		220	220/127	220	220/127	220	220/127	220	220/127	220
	Power factor			—	0.8							
Engine	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		2.9		3.8	3.6	4.7	4.7	5.6	6.3	7.5	7.7	
Gen.set	Noise level*2) (100% load,7m)	Canopy type	dB(A)	75	80	81	81	86	89	87	88	83
		Silent type		67	71	69	72	71	75	72	72	71
	Dry mass*3)	Canopy type	kg	305		320		450		505		530
		Silent type		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		—	YEG170DSLCL		YEG230DSLCL		YEG450DSLCL		—		—		
	Silent type			YEG170DSL		YEG230DSL		YEG450DSL		YEG650DSL		YEG750DSL		
	Frequency			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
	Output	Stand by power rating		kVA	10.8	13.0	14.4	17.3	28.2	33.5	38.6	45.5	45.7	54.3
				kW	10.8	13.0	14.4	17.3	28.2	33.5	38.6	45.5	45.7	54.3
		Prime power rating		kVA	9.8	11.8	13.1	15.7	25.2	29.8	35.1	41.3	41.5	49.3
	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		—	YEG170DTLC		YEG230DTLC		YEG450DTLC		—		—		
	Silent type			YEG170DTL		YEG230DTL		YEG450DTL		YEG650DTL		YEG750DTL		
	Output	Stand by 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
		Prime power rating		kVA	12.6	15.2	17.0	20.6	33.4	39.6	49.2	58.3	56.2	67.2
				kW	10.1	12.1	13.6	16.5	26.7	31.7	39.3	46.6	45.0	53.8
	Voltage	3 phase		V	380	380/220	380	380/220	380	380/220	380	380/220	380	
		Single phase			220	220/127	220	220/127	220	220/127	220	220/127	220	
Power factor			—	0.8										
Engine	Revolutions		min-1(rpm)	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	
	Engine model	Canopy type	—	3TNV88-GGB1C		4TNV88-GGB1C		4TNV98-GGB1C		—		—		
		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		2.5		3.1	3.2	4.0	5.9	7.3	8.6	10.5	9.3	12.0		
Gen.set	Noise level*2) (100% load,7m)	Canopy type	dB (A)	73	74	74	76	78	82	—		—		
		Silent type		57	61	58	63	62	65	68	69	65	67	
	Dry mass*3)	Canopy type	kg	445		515		715		—		—		
		Silent type		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]

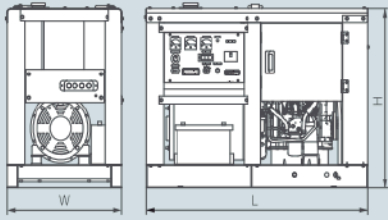
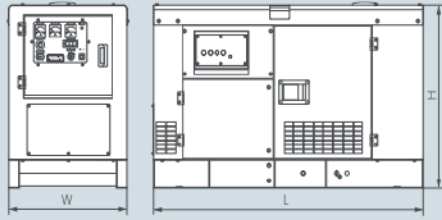
Out put	Silent type		—	YEG140DSHS		YEG140DTHS	
	Phase			Single phase		3phase	
	Frequency			50Hz	60Hz	50Hz	60Hz
	Output	Stand by power rating	kVA	8.8	11.0	11.8	14.0
			kW	8.8	11.0	9.5	11.2
		Prime power rating	kVA	8.0	10.0	10.8	12.7
			kW	8.0	10.0	8.6	10.2
	Voltage	3phase-4wire	V	—		380,400,415	380/220 (Dual)
2wire (3wire)		220,230,240		220 (220/110),240 (240/120)	—		
Power factor			—	1.0		0.8	
Engine	Revolutions		min-1(rpm)	3000	3600	3000	3600
	Engine model		—	3TNM68-HGB2B			
	Fuel consumption*1)	100% load	lit./hr	3.0	4.0	3.0	4.0
		75% load		2.3	3.0	2.3	3.0
Set	Noise level (4/4load,7m)*2)		dB(A)	65	69	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.

DIMENSIONS

DIMENSIONS

Unit=mm

	Canopy type					Silent type					
Outline											
2 pole, Single phase	YEG150DSHC	YEG200DSHC	YEG300DSHC	YEG400DSHC	YEG500DSHC	YEG140DSHS	YEG150DSHS	YEG200DSHS	YEG300DSHS	YEG400DSHS	YEG500DSHS
2 pole, 3 phase	YEG150DTHC	YEG200DTHC	YEG300DTHC	YEG400DTHC	YEG500DTHC	YEG140DTHS	YEG150DTHS	YEG200DTHS	YEG300DTHS	YEG400DTHS	YEG500DTHS
L	1200		1300		1480	1300	1400		1600		1830
W	610		670		670	640	660		700		700
H	850		920		920	690	900		950		950
4 pole, Single phase	—	—	YEG170DSL	YEG230DSL	YEG450DSL	—	YEG170DSL	YEG230DSL	YEG450DSL	YEG650DSL	YEG750DSL
4 pole, 3 phase			YEG170DLS	YEG230DLS	YEG450DLS		YEG170DLS	YEG230DLS	YEG450DLS	YEG650DLS	YEG750DLS
L			1300	1480	1600		1600	1830	2050	2300	
W			670	670	750		700	750	750	900	
H			920	920	1000		950	1050	1050	1250	

ACCESSORIES

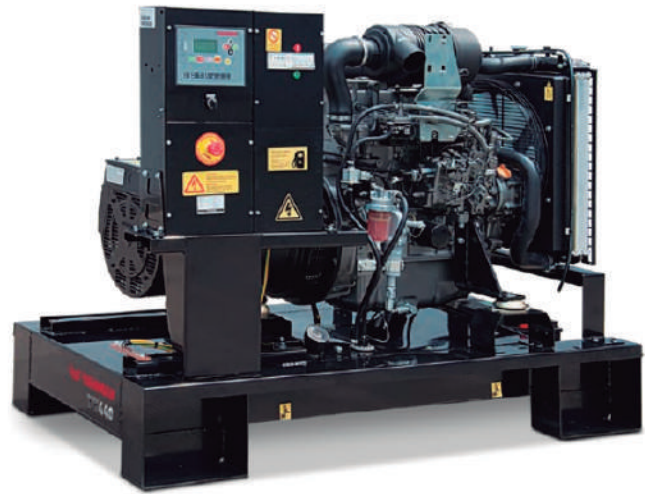
○ : Standard, ■ : Not applicable, ▲ : Option

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		▲	▲	▲	▲

YH series

WATER-COOLED DIESEL GENERATORS

4-Pole, Three-phase Open/Silent type
Generator Output 13.4 - 54.7kVA



YH Series Control panel scope of supply

Control panel of YH170



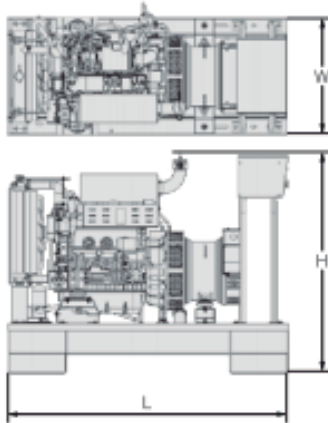
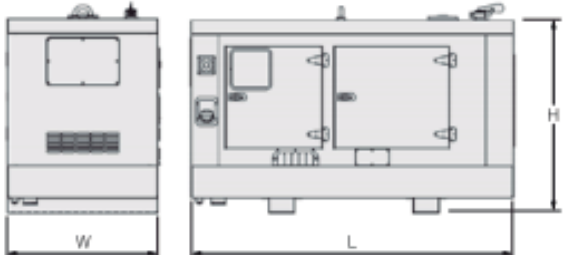
[M7 controller]

Control panel of YH220-550



[CEM7 controller]

DIMENSIONS

	Open type					Silent type					
Construction											
3-phase	YH170DTLA	YH220DTLA	YH280DTLA	YH440DTLA	YH550DTLA		YH170DTLS	YH220DTLS	YH280DTLS	YH440DTLS	YH550DTLS
1-phase						YH110DSLS	YH170DSLS	YH220DSLS	YH280DSLS	YH440DSLS	YH550DSLS
L	1230	1460		1653		1475		2100			
W	550	604		810		750		975			
H	1102	1148	1132	1234	1189	1014		1245			

OPTIONAL PARTS

Option	Open type		Silent type	
Automatic Start / Stop and mains failure system(ATS & AMF)	○		○	
Excitation boost system for alternator (EBS)	○		○	
Anti-Condensation heater of alternator	○		○	
High capacity base fuel tank upgrade	YH110 - YH170		100 L	○
	YH220 - YH550		190 L	○
			330 L	○
			600 L	○
			750 L	○
			1000 L	○
Water jacket pre-heater	○		○	
Battery charger from main supply	○		○	
Battery switch (Disconnection switch)	○		○	
MOD BUS-communication connector	RS485		○	
MODEM-communication connector	RS232		○	

SPECIFICATIONS

[3-phase]

Open type			YH170DTLA		YH220DTLA		YH280DTLA		YH440DTLA		YH550DTLA	
Silent type			YH170DTLS		YH220DTLS		YH280DTLS		YH440DTLS		YH550DTLS	
Frequency		Hz	50	60	50	60	50	60	50	60	50	60
Voltage(3-phase)		V	380,400,415	380/220	380,400,415	380/220	380,400,415	380/220	380,400,415	380/220	380,400,415	380/220
Output	Stand-by	kVA	13.4	16.0/16.5	18.5	21.3/23.1	22.0	26.6/28.4	36.9	43.5/44.4	45.0	47.8/54.7
	power rating	kW	10.7	12.8/13.2	14.8	17.0/18.5	17.6	21.3/22.7	29.5	34.8/35.5	36.0	38.2/43.8
	Prime	kVA	12.5	14.9/15.1	17.1	19.8/20.9	20.2	24.7/25.8	33.4	39.6/39.9	41.3	45.0/49.7
	power rating	kW	10.0	11.9/12.1	13.7	15.8/16.7	16.2	19.8/20.6	26.7	31.7/31.9	33.0	36.0/39.8
Revolutions		min ⁻¹	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800
Engine model			3TNV88-GGEH		4TNV88-GGEH		4TNV84T-GGEH		4TNV98-GGEH		4TNV98T-GGEH	
Fuel consumption(75% load) ※1		L/hr	2.72	3.3	3.55	4.37	4.18	5.3	6.25	7.5	7.2	9.0
Noise level (Silent Type) ※2	100% load, 1m	dB(A)	73	74	72	74	73	74	73	77	73	77
	100% load, 7m		64	65	63	64	64	64	66	67	66	67
	75% load 4m LWA	dB	86	—	87	—	88	—	88	—	89	—
Dry mass ※3	Open type	kg	362		462		461		545		626	
	Silent type		540		790		825		940		970	

*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.

SPECIFICATIONS

[1-phase]

Silent type			YH110DSLS		YH170DSLS		YH220DSLS		YH280DSLS		YH440DSLS		YH550DSLS	
Frequency		Hz	50	60	50	60	50	60	50	60	50	60	50	60
Voltage(1-phase)		V	240	—	220,230,240	220,240	220,230,240	220,240	220,230,240	220,240	220,230,240	220,240	—	220,240
Output	Stand-by power rating	kVA	6.6	—	10.7	12.1	15.1	17.0	17.7	21.4	32.2	34.2	—	42.0
		kW	6.6	—	10.7	12.1	15.1	17.0	17.7	21.4	32.2	34.2	—	42.0
	Prime power rating	kVA	6.1	—	10.1	11.3	14.1	15.8	16.4	19.8	30.1	31.2	—	39.0
		kW	6.1	—	10.1	11.3	14.1	15.8	16.4	19.8	30.1	31.2	—	39.0
Revolutions		min ⁻¹	1500	—	1500	1800	1500	1800	1500	1800	1500	1800	—	1800
Engine model			3TNV76-GGEH		3TNV88-GGEH		4TNV88-GGEH		4TNV84T-GGEH		4TNV98-GGEH		4TNV98T-GGEH	
Fuel consumption(75% load)※ ¹		lit./hr	1.8	—	2.5	3.3	3.3	4.4	3.8	5.1	5.7	7.4	—	9.1
Noise level (Silent Type)※ ²	100% load, 1m	dB(A)	—	—	73	74	72	74	73	74	73	77	—	77
	100% load, 7m		61	—	64	65	63	64	64	64	66	67	—	67
	75% load 4m LWA	dB	—	—	86	—	87	—	88	—	88	—	—	—
Dry mass※ ³		kg	591	—	560	530	840	785	850	795	945	925	—	950

*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.