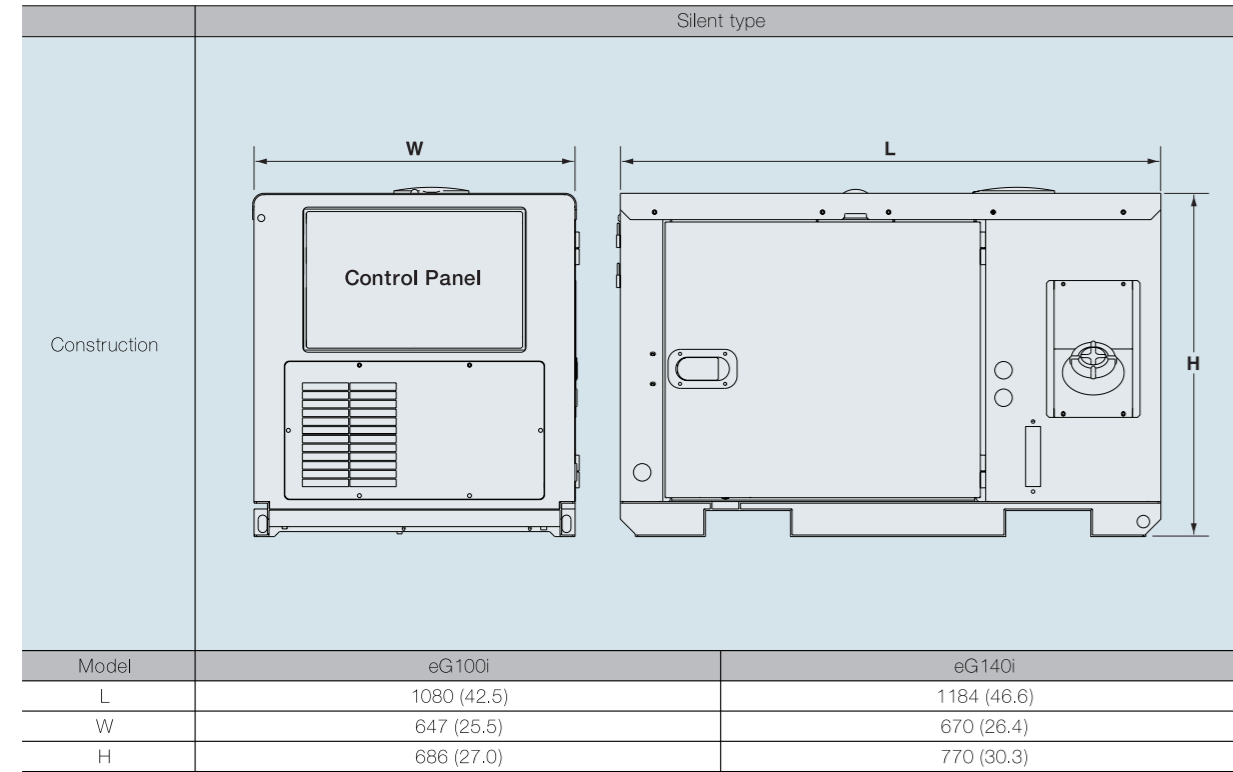


DIMENSIONS Unit=mm(in.)



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)	○	○
Warning lamp	Battery charge	○	○	
	High water temp.	○	○	
Protection system	Low oil press.	○	○	
	Battery charge	○	○	
	Over current shut off trip	○	○	
Output terminal	Concent	○	○	
	terminal bolt	▲	▲	
Others	Remote start/stop system	▲	▲	
	Automatic start/stop system	▲	▲	
	Terminal for AMF/ATS panels	○	○	



WATER - COOLED DIESEL GENERATORS

eG-i series

Generator Output **Inverter**
7.5kVA·11kVA



Yanmar America Corp.

951 Corporate Grove Drive, Buffalo Grove, IL 60089-4508, U.S.A.
Tel : 1-847-541-1900 www.yanmar.com

Yanmar Asia (Singapore) Corporation Pte. Ltd.

4 Tuas Lane, Singapore 638613
Tel : 65-6595-4200 www.yanmar.co.jp/yasc

Yanmar Engine (Shanghai) Co., Ltd.

18F, North Tower, Shanghai Stock Exchange Building 528
South Pudong Road, Pudong Shanghai, China 200120
Tel : 86-021-68805090 www.yanmar-sha.com

Yanmar Europe B.V.

Brugplein 11, 1332 BS Almere-de Vaart, The Netherlands
Tel : 31-36-5493200 www.yanmar.nl

Yanmar Italy S.p.A.

Via Carlo Noe', 43/A, 21013 Gallarate (Varese), Italy
Tel : 39-0331-706.601 www.yanmaritaly.it

Yanmar Co., Ltd.

1-32, Chayamachi, Kita-ku, Osaka 530-8311, Japan
Tel : 81-6-6376-6411 www.yanmar.co.jp/en/



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All data subject to change without notice.

like pumps. Also suitable as a residential standby generator.



High Output

Output at 50Hz has been increased by 20% to ensure equal output at both 50Hz and 60Hz.

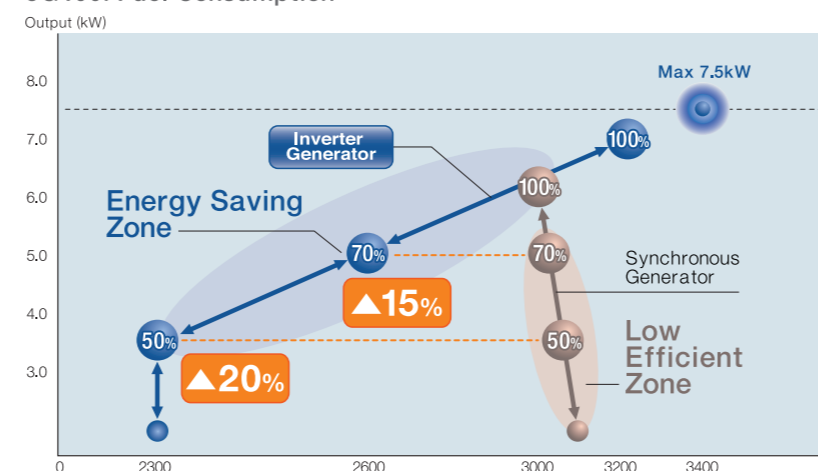
Low Noise Level

Our energy-saving system that constantly keeps engine rotation to the minimum necessary, coupled with noise reducing muffler and optimally matched acoustic absorbent materials, make this generator up to 9dB(A) quieter than previous models.

Energy-Saving Operation

In addition, our energy-saving system that optimizes engine rotation makes this model up to 20% more efficient than previous models and expanded fuel tank allows continues usage of over 14 hours at 70% load.

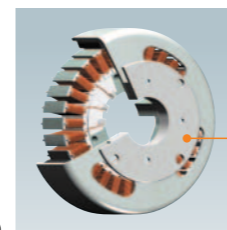
eG100i Fuel Consumption



Lightweight Compact Design

Our compact vertical water-cooled diesel engine and PMA (Permanent Magnet Alternator) enable us to create a lightweight compact design with great portability.

PMA (Permanent Magnet Alternator)



Terminal for AMF/ATS Panels

Against power cuts in the commercial supply, the eG-i series 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 eG-i series to do the work that is needed, and stop when you don't want it on.

SPECIFICATIONS

Model	eG100i		eG140i		
Frequency	Hz 50 / 60				
Output	Stand-by power rating	kVA	7.5	11.0	
		kW	7.5	11.0	
Output	Prime power rating	kVA	7.0	10.2	
		kW	7.0	10.2	
Generator	Voltage	V 220 (110, 120, 240)			
	Current(Prime)	A	31.8 (63.6, 58.3, 29.2)	46.4 (92.7, 85.0, 42.5)	
	Phase and wire	Single Phase, 2 wire			
	Power factor	%	100		
	Insulation class	Class B			
	No. of poles	Multipole			
	Excitation	PMG type			
Inverter	Control system	CVCF (Voltage & frequency control system)			
	Voltage wave	Sine wave			
Engine	Type	Vertical, 4-cycle, water-cooled diesel			
	Model	2TNV70-ASG		3TNM68-ASG	
	No. of Cylinders-bore x stroke	mm 2-70 x 74		3-68 x 72	
	Displacement	lit. 0.570			
	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			
	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 (BS2869A1 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	
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		

