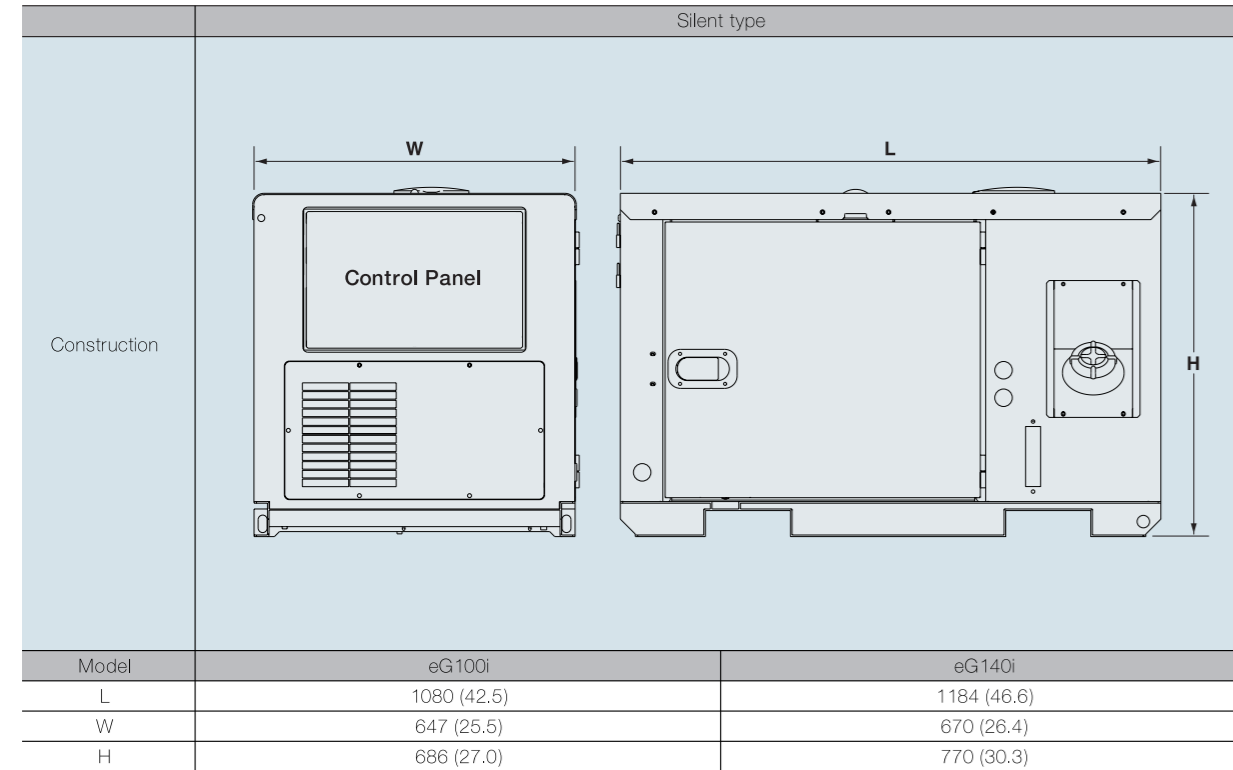


DIMENSIONS Unit=mm(in.)



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](http://www.yanmar.com)

**Yanmar Asia (Singapore) Corporation Pte. Ltd.**

4 Tuas Lane, Singapore 638613  
Tel : 65-6595-4200 [www.yanmar.co.jp/yasc](http://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](http://www.yanmar-sha.com)

**Yanmar Europe B.V.**

Brugplein 11, 1332 BS Almere-de Vaart, The Netherlands  
Tel : 31-36-5493200 [www.yanmar.nl](http://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](http://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/](http://www.yanmar.co.jp/en/)



**YANMAR CO.,LTD.**

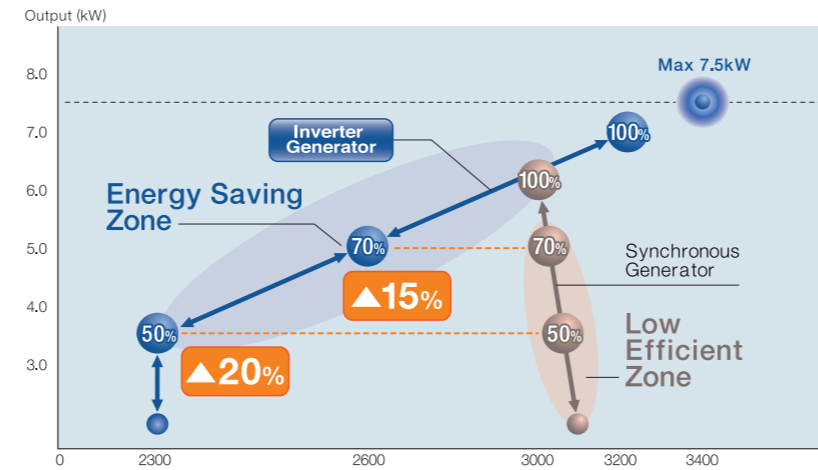
1-32, Chayamachi, Kita-ku, Osaka 530-8311, Japan  
Tel:+81-6-6376-6411 Fax:+81-6-6377-1243  
[www.yanmar.co.jp/en/](http://www.yanmar.co.jp/en/)

All data subject to change without notice.



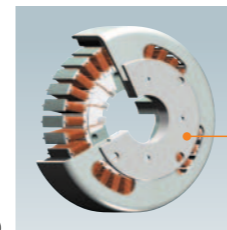
hat optimizes engine rotation makes this model up to 20% more efficient than previous models and expanded fuel tank allows continues usage of over 14 hours at 70% load.

### eG100i Fuel Consumption



### Lightweight Compact Design

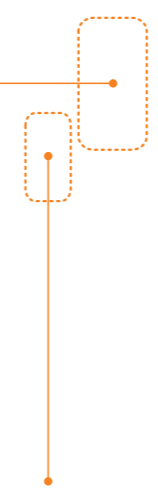
Our compact vertical water-cooled diesel engine and PMA (Permanent Magnet Alternator) enable us to create a lightweight compact design with great portability.



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	
	Prime power rating	kVA	7.0	10.2	
		kW	7.0	10.2	
Voltage	V	220 (110, 120, 240)			
Generator	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	0.784	
	Continuous rating output	kW/min <sup>-1</sup>	8.4 / 3600	12.5 / 3600	
	Rated output	kW/min <sup>-1</sup>	9.3 / 3600	13.8 / 3600	
	Revolutions	min <sup>-1</sup>	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		

