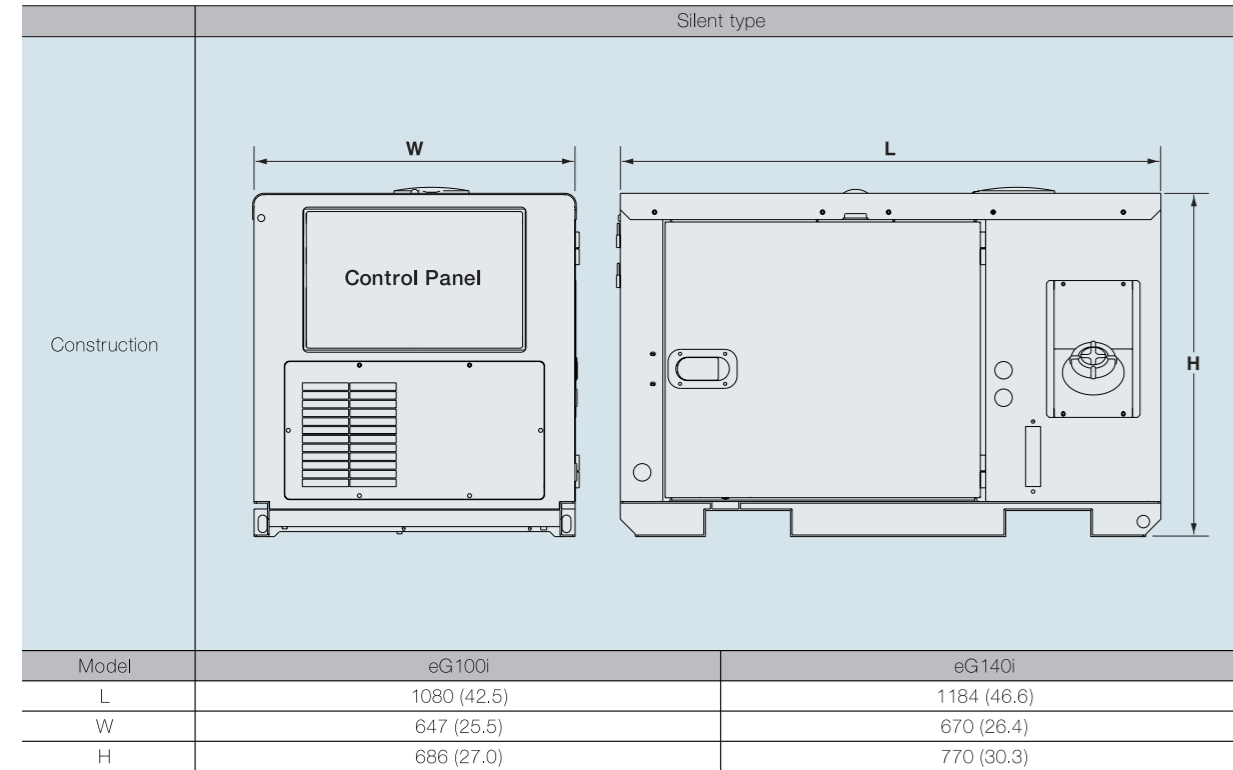


DIMENSIONS Unit=mm(in.)



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.**

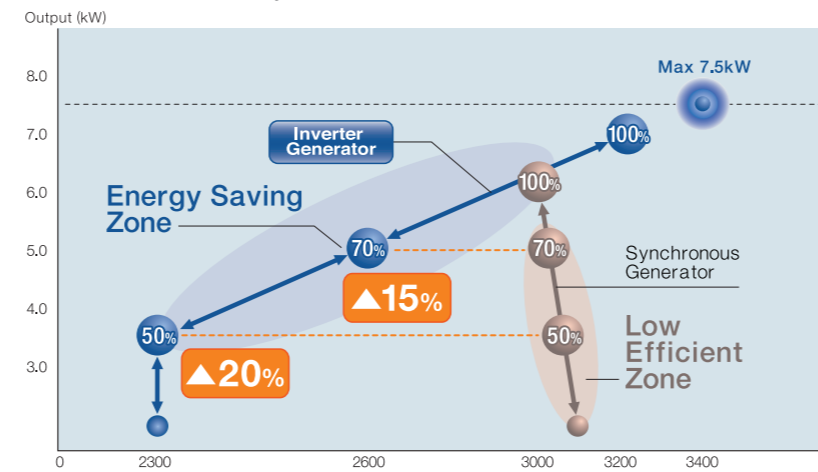
1-32, Chayamachi, Kita-ku, Osaka 530-8311, Japan  
Tel:+81-6-6376-6411 Fax:+81-6-6377-1243  
[www.yanmar.co.jp/en/](http://www.yanmar.co.jp/en/)

All data subject to change without notice.



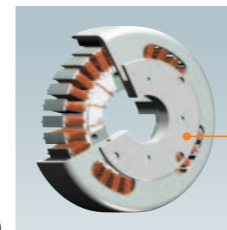
hat optimizes engine rotation makes this model up to 20% more efficient than previous models and expanded fuel tank allows continues usage of over 14 hours at 70% load.

### eG100i Fuel Consumption



### Lightweight Compact Design

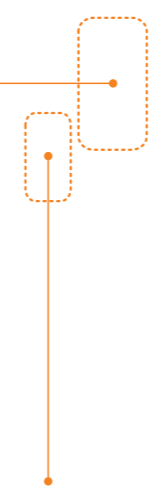
Our compact vertical water-cooled diesel engine and PMA(Permanent Magnet Alternator) enable us to create a lightweight compact design with great portability.



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		
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		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				
Control system		CVCF (Voltage & frequency control system)				
Voltage wave		Sine wave				
Type		Vertical, 4-cycle, water-cooled diesel				
Model		2TNV70-ASG		3TNM68-ASG		
No. of Cylinders-bore x stroke		mm		2-70 x 74		
Displacement		lit.		0.570		
Continuous rating output		kW/min <sup>-1</sup>		8.4 / 3600		
Rated output		kW/min <sup>-1</sup>		9.3 / 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		

