

The New YDG from Yanmar - For Power and Economy

If you are looking for a silent, compact, power source, with minimum fluctuations, the new YDG is waiting for you. Durability and long operation are designed in. Mobility approaches that of a gasoline generator. And the direct injection air cooled diesels, the amongst smallest in the world, offer very good fuel savings. The power is high. The cost is low. Specifications and accessories are available for most markets. Listen carefully, or you might not even notice they're at work.



Versatile power
An AVR (Automatic Voltage Regulator) gives low-fluctuation power delivery at 240V.

Dusk-to-dawn Operation without fill-up: the YDG-S
A single tankful of diesel will keep these air-cooled gensets on the go for 6 ~ 15 hours. The secret to such long operation is their low fuel consumption from features like direct injection - a major feat for this type of compact engine. These gensets give savings with every tankful of diesel. And they have a utility-size fuel tank, so you can leave them running all night.



Total Carry-around Convenience
The extra-lightweight YDG is as easy to move around as most gasoline units. And its easy to store too. We've achieved it by linking together our small air-cooled diesel (the Yanmar LN type) with a highly compact and light U-frame generator. The size and weight rimming allows you to take these 'open-type' sets anywhere.

Silent Operation Makes the YDG-S a More Popular Form of Power
The noise-proofing enclosure of the YDG-S makes it welcome in any location, especially at night. Exhaust noise is dampened by a large silencer while engine sounds are contained by a double-wall structure and absorbed by a sound deadening liner. To reduce vibration an noise there are the same high efficiency inclined engine mounts as the YDG. and the whole genset is compactly housed in a single cabinet.



Peaceful power; the YDG
Engine and generator rest on inclined rubber blocks. This improved mounting system takes away both vertical and horizontal vibrations, leaving you with a smoothly purring engine. Noise prevention measures are taken at several levels; at intake, in the combustion system and through the well muffled exhaust system.

Alarm system
The chance of damage due to low oil level operation is reduced with a Yanmar genset. An alarm is activated and the engine stops as soon as the oil falls low. Besides, the sockets on the control panel are recessed and the muffler is enclosed with a cover.

Easy Maintenance, Long Lasting
Fewer parts mean fewer maintenance worries - inspection is easy and adjustments simple. Forced lubrication feeds oil to vital parts, and high quality materials give first-class durability.



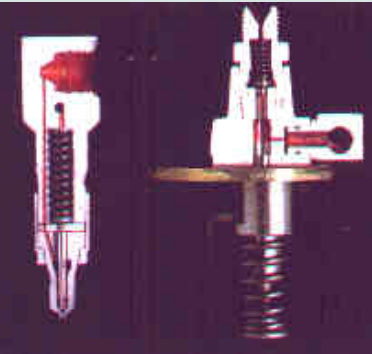
Model		Silent type	
		YDG5001SE DELUXE	
GENERATOR	Type	Revolving field type 2 pole generator	
	Frequency	Hz	50 60
	Max. AC Output	kVA	4.6 5.5
	Cont. AC Output	kVA	4.2 5.0
	Voltage	V	220
	Rated power factor	%	100
	Phase	Single phase	
	Excitation system	Self-excitation	
ENGINE	Model	L100N5	
	Type	Vertical, 4-cycle, air-cooled diesel engine	
	Displacement	cc(cu.in.)	406(24.78)
	Cont. output	hp/rpm	7.7/3000 9.0/3600
	Starting system	Electric	
	Combustion system	Direct injection	
	Governor system	Centrifugal weight system	
	Fuel oil	Diesel oil (BS-A1 or equivalent)	
	Fuel tank capacity	lit.(U.S.gal.)	16(4.2)
	Lube oil capacity	lit.(U.S.gal.)	1.65(0.44)
	Operation capacity (One tankful)* approx.	hr	9.0 7.0
UNIT	Noise level at 7m (approx.)	69	70
	Dimensions L×W×H (Electric)	mm(in.)	1110×550×766 (43.70×21.65×30.16)
	Dry weight (Electric)	kg(lbs.)	200(440)

* Specification is subject to change due to our continuous improvement

AIR-COOLED DIESEL ENGINE L-N SERIES

Its secret is Yanmar's micro-sized fuel injection system.

The fuel injection system, the heart of a diesel, has been refined through years of research and development at Yanmar. We have now succeeded in minimizing the weight and size of this equipment and simplifying its structure by adoption of a brushless pump and a smaller nozzle



- Durable - because it is built by a specialist in large diesel technology.
- Convenient Recoil starter - a feature commonly associated with gasoline engines.
- Fuel costs dip to a new low with Yanmar's direct fuel injection system.
- Very low vibration and quiet running make it ideal, a popular choice for constantly operating machinery.