

# Three Phase Diesel Generator 24kW (28KVA)



Product Code: FBGS24GF-LDESS



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## Three Phase Diesel Generator

Whether your needs are convenience, an essential business tool, or power backup system; getting the right generator for your needs is important.

This alternative power source was designed to provide prime and continuous power supplies either as a primary source of power for recreational activities or work site contractors, or as backup power for households or small businesses.

- Low noise level.
- Low oil pressure protection to prevent damage to engine.
- Low fuel level warning.
- Failure of battery charging system with warning.
- High water temperature shutdown with warning prevent damage to engine.
- External fuel filler cap results in easier refueling.
- Hour meter helps request service intervals.
- Automatic operation.
- Digital info display.
- Circuit breaker.

Generators available through a **Rent-to-Own** option. Contact Elsat Rentals Division on 011 490 3959 for further details. Commercial generators requires up to **4 to 6 weeks** lead time for delivery.

## TECHNICAL INFORMATION

### SPECIFICATIONS

Engine	
Engine Make / Model	YANGDONG 4100D
Displacement	3.707l
Rated Output	31.3kW
Number of cylinders	4
Cooling	Forced water-cooling
Fuel	Diesel
Governor	Mechanical
Aspiration	Natural
Starting System	Electric starting
Sump Capacity	11.6l
Lube oil consumption	1.81G/KW/H
Total coolant capacity	6.8l
Exhaust pipe size	62mm
Battery capacity / rating	100A
Fuel consumption	
Fuel tank capacity	100l
Litre/H at 100% load (approx)	8.26l
Alternator	
Alternator Make/Model	WT-184G
Prime Power Rate	24KW
Stand-by Power Rating	26.4kW
Voltage Regulation	± 1.5%
Engine Speed	1500 rpm
RPM / Frequency	1500rpm / 50Hz
Power Factor	0.8
Voltage	230/400 (V)
No. of Phases	3 Phase
Phase Connection	3 Phase / 4 Wire
Excitation	Self excited
Standard features	
Base Frame	Yes
Muffler	Yes
Output Terminal	Yes
Hours Meter	Yes
Remote Start Connection	No
Exhaust Silencer	Yes
Control Panel	Smartgen HGH6120UC
Automatic Transfer Switch (ATS)	Yes
Weather Proof Canopy	Yes
Noise Level	7m @67dB
Manuals Supplied	Yes

## PACKAGING DIMENSIONS

Product	Gross Weight (kg)	Nett Weight (kg)	Height (mm)	Width (mm)	Depth (mm)
FBGS24GF-LDESS	883	880	1250	1000	2280