

WAVE Generator 1500

Sound-attenuated diesel generator set · YLGF-1200DCS



WAVE reference visualization. Enclosure details and dimensions are not binding.

Output stated in quotation*

1,500 kVA

Voltage · 3 phase

400/230 V

Frequency

50 Hz

* Prime/standby rating remains to be confirmed.

Supplier model	YLGF-1200DCS
Configuration	Sound-attenuated (silent type)
Diesel engine	Yuchai YC12VTD2000-D30
Alternator	Leroy-Somer LSA50.2 L8
Controller	SmartGen HGM6120
Engine speed	1,500 rpm
Fuel tank	1,500 litres

Equipment & technical notes

Technical basis: the 1,500 kVA configuration quoted by Foshan Yingli.

Electrical equipment and cooling

Alternator construction	Brushless, single bearing
Cooling	Water-cooled radiator with safety guard
Starter batteries	2 × 12 V DC, including connection cables
Insulation class	H, as stated in the supplier quotation
Protection rating	IP23 in quotation; applicable component to be confirmed

Quoted equipment scope

- Sound-attenuated generator set with new Yuchai engine and new Leroy-Somer alternator.
- SmartGen controller and 1,500-litre fuel tank.
- Steel base frame with vibration dampers between the engine/alternator and frame.
- Radiator with safety guard and manual circuit breaker.
- Silencer with flexible bellows and elbow.
- Starter batteries and operation/maintenance manuals for the main components.

Options

- Automatic transfer switch (ATS): 3,200 A, SKT1-3200/4P/NAX.
- Jacket-water heater and lubricating-oil heater.

Manufacturer warranty

1 year or 1,000 operating hours, whichever comes first. Manufacturer statement in the Yingli quotation; scope and administration through WAVE are to be specified separately.

To be confirmed before technical project approval

Prime/standby output and power factor, overall dimensions and weight, sound pressure, fuel consumption, connection details and the required product/conformity documentation. The visualization does not replace an installation drawing.

Source: Foshan Yingli Gensets, supplier quotation dated 14 September 2026.