

GeneratorSet.cn Product Datasheet

500kVA Trailer Mounted Yuchai Generator Set

Core specifications

Generator type: Trailer Generator Sets
Rated power: 500 kVA
Standby power: 550 kVA
Engine: Yuchai YUC-5003
Alternator: China Brushless Alternator
Controller: Deep Sea DSE8610
Voltage: 220/380V, 230/400V, 240/415V optional
Frequency: 50Hz / 60Hz configurable
Fuel consumption: 105-125 L/h at 75% load
Noise level: 68-78 dB(A) at 7m
Dimensions: 2500 x 1040 x 1425 mm
Weight: 2280 kg
Fuel tank: 600 L base tank or external tank optional
Cooling: Water-cooled radiator system

Dimension notes

Overall reference size: 2500 x 1040 x 1425 mm.
Approximate operating weight: 2280 kg.
Confirm final base frame drawing, lifting point position and service clearance before production.
For indoor rooms, reserve maintenance access around the engine, alternator, radiator and control panel.

Brand and control notes

Yuchai engine selection should be checked against local service access, fuel quality and required emissions documents.
China Brushless Alternator alternator configuration should be confirmed with voltage, frequency, insulation class and protection needs.
Deep Sea DSE8610 control system should be matched with ATS, remote monitoring, alarm output and language requirements.

Optional configurations

- Trailer chassis, tow bar, brake and lighting package
- Automatic transfer switch integration
- Battery charger and jacket water heater
- External fuel tank or larger base tank
- Remote monitoring and alarm output
- Export packing with loading photos and test report

Recommended spare parts package

- Yuchai oil filter set
- Yuchai fuel filter and water separator elements
- Air filter element matched to intake system
- Fan belt, radiator hose and clamps
- Starting battery, battery cable and charger fuse
- Deep Sea DSE8610 controller backup settings and wiring diagram
- AVR, sensors and emergency stop switch for remote projects

Important note

This PDF is a standardized sourcing datasheet generated from the public product record. Final supplier datasheet, certificate, drawings and photos should be confirmed before order.