

# GeneratorSet.cn Product Datasheet

## 2500kVA Silent Canopy Cummins Generator Set

### Core specifications

Generator type: Silent Diesel Generator Sets  
Rated power: 2500 kVA  
Standby power: 2750 kVA  
Engine: Cummins CUM-25002  
Alternator: China Brushless Alternator  
Controller: SmartGen HGM6120N  
Voltage: 220/380V, 230/400V, 240/415V optional  
Frequency: 50Hz standard, 60Hz optional  
Fuel consumption: 525-625 L/h at 75% load  
Noise level: 68-78 dB(A) at 7m  
Dimensions: 5300 x 1800 x 1925 mm  
Weight: 8680 kg  
Fuel tank: 3000 L base tank or external tank optional  
Cooling: Closed water cooling with heavy-duty radiator

### Dimension notes

Overall reference size: 5300 x 1800 x 1925 mm.  
Approximate operating weight: 8680 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

Cummins 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.  
SmartGen HGM6120N control system should be matched with ATS, remote monitoring, alarm output and language requirements.

### Optional configurations

- Weatherproof silent canopy with site noise target review
- 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
- Parallel control cabinet and synchronization review

### Recommended spare parts package

- Cummins oil filter set
- Cummins 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
- SmartGen HGM6120N 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.