

GeneratorSet.cn Product Datasheet

100kVA Open Type Doosan Generator Set

Core specifications

Generator type: Diesel Generator Sets

Rated power: 100 kVA

Standby power: 110 kVA

Engine: Doosan DOO-1001

Alternator: China Brushless Alternator

Controller: SmartGen HGM6120N

Voltage: 220/380V, 230/400V, 240/415V optional

Frequency: 50Hz / 60Hz configurable

Fuel consumption: 21-25 L/h at 75% load

Noise level: Open type, site enclosure recommended when required

Dimensions: 1940 x 888 x 1325 mm

Weight: 1000 kg

Fuel tank: 120 L base tank or external tank optional

Cooling: Water-cooled radiator system

Dimension notes

Overall reference size: 1940 x 888 x 1325 mm.

Approximate operating weight: 1000 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

Doosan 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

- 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

- Doosan oil filter set
- Doosan 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.