

GeneratorSet.cn Product Datasheet

2500kVA Containerized Perkins Generator Set

Core specifications

Generator type: Containerized Generator Sets
Rated power: 2500 kVA
Standby power: 2750 kVA
Engine: Perkins PER-25003
Alternator: Stamford
Controller: ComAp IntelliLite
Voltage: 220/380V, 230/400V, 240/415V optional
Frequency: 50Hz standard, 60Hz optional
Fuel consumption: 525-625 L/h at 75% load
Noise level: Open type, site enclosure recommended when required
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

Perkins engine selection should be checked against local service access, fuel quality and required emissions documents.
Stamford alternator configuration should be confirmed with voltage, frequency, insulation class and protection needs.
ComAp IntelliLite control system should be matched with ATS, remote monitoring, alarm output and language requirements.

Optional configurations

- Container airflow, fire safety and access door layout 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

- Perkins oil filter set
- Perkins 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
- ComAp IntelliLite 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.