

GeneratorSet.cn Product Datasheet

1250kVA Open Type Volvo Penta Generator Set

Core specifications

Generator type: Diesel Generator Sets

Rated power: 1250 kVA

Standby power: 1375 kVA

Engine: Volvo Penta VOL-12501

Alternator: Marathon

Controller: Deep Sea DSE8610

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

Frequency: 50Hz / 60Hz configurable

Fuel consumption: 263-313 L/h at 75% load

Noise level: Open type, site enclosure recommended when required

Dimensions: 3550 x 1325 x 1613 mm

Weight: 4680 kg

Fuel tank: 1500 L base tank or external tank optional

Cooling: Closed water cooling with heavy-duty radiator

Dimension notes

Overall reference size: 3550 x 1325 x 1613 mm.

Approximate operating weight: 4680 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

Volvo Penta engine selection should be checked against local service access, fuel quality and required emissions documents.

Marathon 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

- 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

- Volvo Penta oil filter set
- Volvo Penta 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.