

GeneratorSet.cn Product Datasheet

20kVA Silent Canopy Perkins Generator Set

Core specifications

Generator type: Silent Diesel Generator Sets

Rated power: 20 kVA

Standby power: 22 kVA

Engine: Perkins PER-202

Alternator: Marathon

Controller: Deep Sea DSE8610

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

Frequency: 50Hz standard, 60Hz optional

Fuel consumption: 4-5 L/h at 75% load

Noise level: 68-78 dB(A) at 7m

Dimensions: 1828 x 858 x 1305 mm

Weight: 744 kg

Fuel tank: 24 L base tank or external tank optional

Cooling: Water-cooled radiator system

Dimension notes

Overall reference size: 1828 x 858 x 1305 mm.

Approximate operating weight: 744 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.

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

- 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

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
- 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.