



## Generator Super Silenced Three-Phase 45KVA AVR

Reference: GE45KV AVR

### GENERATOR SUPER SILENCED THREE-PHASE 45KVA AVR

The silent land-based generator set, with a continuous power output of 45 KVA and equipped with AVR, features top-tier brand components: it is powered by a reliable PERKINS 1103A-33TG1 3-cylinder diesel engine running at 1500 RPM and a STAMFORD S1L2-N alternator fitted with an AS540 AVR, providing a voltage regulation accuracy of 1%.

These industrial generators come with soundproof canopies and tropicalized treatment, making them suitable for use even in scorching climates. Water-cooled, they ensure excellent heat management.

The robust frame of the 45 KVA silent generator set houses a large 90-liter fuel tank, allowing it to run for over 10 hours at 75% load. Additionally, the generator's dimensions are optimized for transport by truck and storage in 40' HC containers.

#### Main advantages of choosing a industrial generator set:

- 1 - Original industrial diesel engine with certificate of origin
- 2 - Brushless industrial alternator with AVR
- 3 - Steel basement, tank with electro level
- 4 - Soundproofing hood completely made of galvanized sheet metal and painted with polyester powders
- 5 - Soundproofing material made of polyester fiber with high abatement
- 6 - Residential exhaust silencer with insulated collector
- 7 - Electrical panel mounted on the machine with control device and protection device integrated in the box
- 8 - Compactness for easy handling and use
- 9 - Test certification, manuals and diagrams supplied
- 10 - World wide after sales technical assistance support
- 11- CRICKET RANGE: FROM 9 TO 200 kVA at 50 or 60Hz.

#### Automatic control box AMF

- 1 - On/off key;
- 2 - Emergency stop button;
- 3 - DEEP SEA® 4520 MKII;
- 4 - Primary brand main switch.

DEEP SEA® 4520 MKII

DSE4520 control panel is a compact automatic power failure control module. By monitoring a large number of motor parameters, the module is able to display warning, shutdown and motor status information on the backlit LCD display. This control unit allows the genset to be combined with a [mains/genset switchboard](#) for automatic starting.

Images and technical data are not binding.

## Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	39.6
Continuous power three phase (KW)	36
Maximum power three phase (KVA)	49.5
Continuous power three phase (KVA)	45
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	400
Sockets configuration	Terminal box
Engine	Perkins 1103A-33TG1
Emissions Regulations	Stationary Use
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Electric
Engine capacity (cm <sup>3</sup> )	3300
Number cylinders	3
Oil capacity (L)	8.3
Cooling	Water
Poles	4
Three-phase power (KVA)	45
Fuel tank capacity (L)	90
Consumption (L/h)	8.2 at 75% of the load / 10.7 at 100% of the load
Running time (h)	10.9
Length (mm)	1980
Width (mm)	924
Height (mm)	1200
Dry weight (Kg)	1100
Silenced	Yes
Brushes	No
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR

---

Engine manufacturer	Perkins
Precision of voltage regulation	± 1%

---