

# MOSA GE SX-18054 KDT GENERATOR 17,5KVA SINGLE-PHASE / THREE- PHASE STAGE V



Product price:

**8.155,00 € tax excluded**

## Product description:

MOSA GE SX-18054 KDT GENERATOR 17,5KVA SINGLE / THREE-PHASE STAGE V

MOSA GE SX-18054 KDT is a single / three-phase generator with KOHLER KDW1003 StageV Diesel engine, capable of delivering a maximum power of 17,5KVA, **complete with AVR.**

MOSA GE SX-18054 KDT is equipped with an AVR that allows connection with sensitive electronic devices (computers, smartphones, TVs) without the risk of damaging them due to surges in the supply.

The purpose of the AVR in a power source is to keep the output stable. And if its operation is very simple when resistive loads are supplied, the situation is more complex in the case of mainly inductive loads: the delayed phase-shifted current contrasts the inductor magnetic field, causing a voltage drop at the alternator output terminals. ; to compensate for the phenomenon, the AVR intervenes automatically by increasing the excitation current, until the output returns to the nominal value.

## STAGEV EMISSIONS REGULATION

The generating set is equipped with a "mobile" STAGEV motorization, as required by the European Regulation 2016/1628. These new engines make it possible to exponentially reduce the emissions of particulate matter and nitrogen oxides delivered by the generator into the environment, and ensure a reduction in the environmental impact of 200% compared to standard engines.

The MOSA GE SX-18054 KDT is supplied complete with:

- Digital control unit
- Complies with the German Regulation DGUV-I - 203-032
- Insulation monitor
- Four-pole magnetothermic switch
- RCD 30mA
- Sealed base capable of containing any leaks of the liquids present in the motor avoiding environmental pollution
- Casing with wide opening for allow easy maintenance (replacement of air, oil, fuel filters)
- Large capacity tank
- Fuel level sensor
- Coolant temperature and engine oil pressure indicators
- Battery switch
- External plugs for draining oil and water
- Emergency button - Ready for remote Start and Stop control
- Ready for connection to PAC-I switchboard (ATS)

Technical characteristics of MOSA GE SX-18054 KDT:

Phase type: Single/ Three-phase

Maximum Threephase power: 17.5 KVA / 14 KW

Threephase Continuous Power: 16 KVA / 12.8 KW

Singlephase Continuous Power: 7.5 KVA / 7.5 KVA

Fuel: Diesel

Voltage: 230 - 400 V

Frequency: 50 Hz

Engine: KOHLER KDW1003

Starting: Electric

Emissions regulations: Stage V

Number of cylinders: 3

Displacement: 1028 cc

Engine revolutions: 3000 rpm

Sockets panel: 1x 400V 32A 3P CEE | 2x 230V 16A 2P CEE | 1x 230V Schuko

Voltage regulator: AVR

Tank capacity: 38 l

Autonomy: 10.3 h at 75% of the load

Consumption: 3.68 l / h at 75% of the load

Acoustic pressure: 68 dB (A) @ 7 m

Length: 1784 mm

Width: 710 mm

Height: 1115 mm

Weight: 394 Kg

Are you looking for a product with different technical characteristics? [HERE](#) you can find the full range of Mosa generators and other specialized brands.

Images and technical data not binding.

**Product features:**

Phase: Single phase / Three phase

Continuous power single phase (KW): 7.5

Continuous power single phase (KVA): 7.5

Maximum power three phase (KW): 14

Continuous power three phase (KW): 12.8

Maximum power three phase (KVA): 17.5

Continuous power three phase (KVA): 16

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230 / 400

Sockets configuration: 1x 400V 32A 3P CEE | 2x 230V 16A 2P CEE | 1x 230V Schuko

Engine: Kohler KDW1003

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Speed governor: Mechanical

Starting system: Electric

Engine capacity (cm<sup>3</sup>): 1028

Number cylinders: 3

Oil capacity (L): 2.6

Cooling: Water

Alternator: Synchronous self-excited, self-regulated

Bore x stroke (mm): 75 x 77.6

Fuel tank capacity (L): 38

Consumption (L/h): 3.68 at 75% load

Running time (h): 10.3 at 75% load

Acoustic power: 93 dB(A)

Acoustic pressure: 68 dB(A) at 7 m

Length (mm): 1784

Width (mm): 710

Height (mm): 1115

Dry weight (Kg): 394

Silenced: Yes

Super silenced: Yes

Product type: Generator

ATS Switch device : Optional

Voltage regulator: AVR

Engine manufacturer: Kohler