



## MOSA GE 40 KR-5 GENERATOR 38 KVA SINGLE-PHASE / THREE-PHASE AVR STAGE V

Reference: CN1R50G1

### MOSA GE 40 KR-5 GENERATING 38 KVA SINGLE-PHASE / THREE-PHASE AVR STAGE V

The generator MOSA GE 40 KR-5 single/ three-phase is equipped with a KOHLER KDI 1903TCR StageV diesel engine, and is capable of delivering a maximum power of 38 KVA, complete with **AVR voltage regulator**.

The MOSA GE 40 KR-5 generator set is equipped with **electric, manual or automatic start** with 12 V battery, and is equipped with **IntiLite AMF 9 control unit** which allows you to view all the electrical parameters of the engine and generator, the functions, the status of the generator, manage the entire group and view, if they occur, system errors or alarms.

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.

The MOSA GE 40 KR-5 generator set guarantees efficient and silent operation thanks to the YANMAR 4TNV98CT engine, which allows to deliver a maximum power of 38 KVA.

### 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 socket panel of the MOSA GE 40 KR-5 consists of:

- 1x 400V 63A 3P + N + T CEE IP67
- 1x 400V 32A 3P + N + T CEE IP67
- 1x 400V 16A 3P + N + T CEE IP67
- 1x 230V 16A 2P + T CEE IP67
- 1x 230V 16A 2P + T SCHUKO
- POWER TERMINAL BLOCK

### TECHNICAL CHARACTERISTICS OF MOSA GE 40 KR-5

Type of phase: Single/ Three-phase  
Maximum power Threephase: 38 KVA / 30.4 KW  
Continuous power Threephase: 34 KVA / 27.2 KW  
Fuel: Diesel  
Voltage: 230/400 V

Frequency: 50 Hz  
Engine: KOHLER KDI 1903TCR  
Emissions standard: Stage V  
Number of cylinders: 3  
Engine revolutions: 1500 rpm  
Starting: Electric  
Voltage regulator: AVR HVR-30  
Tank capacity: 150 Lt  
Consumption: 6.5 Lt / h at 75% of the load  
Autonomy: 23 h at 75% load  
Acoustic pressure: 65.6 dB (A) @ 7m  
Length: 2151 mm  
Width: 950 mm  
Height: 1478 mm  
Net weight: 1125 Kg

Are you looking for a generator with different technical characteristics? [HERE](#) you can find the area dedicated to MOSA generators or other specialized brands.

The images and technical data are not binding and may be subject to revisions by the manufacturer.

## Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	30.4
Continuous power three phase (KW)	27.2
Maximum power three phase (KVA)	38
Continuous power three phase (KVA)	34
Fuel	Diesel
Emissions Regulations	Stage 5
Speed governor	Electronic
Cooling	Water
Inyección	Direct
Acoustic power	90 dB(A)
Acoustic pressure	65 dB(A) at 7 m
Length (mm)	2151
Width (mm)	950
Height (mm)	1478
ATS Switch device	Optional ATS