



MOSA GE 15 YSXC STAGE 5

Reference: CE4Q2012

MOSA GE15YSXC STAGE5 SINGLE-PHASE/TRIPHASE GENERATOR 12KW

MOSA GE15YSXC is a super silenced generator set, with a 60 liter capacity tank for 23h of continuous operation. The machine includes a roll bar, lifting hook, fork entry, tank and thanks to the fairing, the noise level is minimal. At only 565kg, the generator set is compact and easily transportable, using the dedicated manual towing dolly or the approved fast towing dolly.

The recessed control panel can be locked using a padlock and houses the machine's sockets and controls, including the residual current circuit breaker, circuit breaker and motor protection.

In the MOSA generator set the Compound output voltage regulation system is combined with the AVR, the latter is replaced by the Compound when a higher amount of current than the nominal is required for a short period (ex: engine start).

The MOSA GE15YSXC generator set is designed to be connected to the EAS automatic start panel.

MOSA GE15YSXC A TCM remote control is also available, allowing engine start/stop up to 10 meters away from the machine.

Suitable for a wide range of uses such as industrial sites, residential sites, hospital sites, events, large construction sites, noise sensitive environments and emergency unit.

TECHNICAL CHARACTERISTICS OF THE MOSA GE15YSXC:

Three-phase Stand-By Power (LTP) 15 kVA (12 kW) / 400V / 21.6 A

Three-phase power PRP 14 kVA (11.2 kW) / 400V / 20.2 A

Single-phase power PRP 6.5 kVA / 230V / 28.3 A

Fuel: Diesel

Voltage: 230 V / 400 V

Frequency: 50 Hz

Engine: Yanmar 3TNV88F

Starter: Electric

Measured sound power LwA: 91 dB(A) (66 dB(A) @ 7m)

Consumption: 2.6 Lt/h at 75% load

Dimensions (LxWxH): 1720x1000x1130 mm

Weight: 565 Kg

Supersilenced

AVR

Compound

Tank capacity: 60 l

MOSA GE15YSXC Compound+AVR Generator

Both control systems are normally active. Under short-circuit inrush conditions (motor start-up) the compound regulation

prevails, which provides ample current availability. Under standard operating conditions the AVR prevails, which guarantees high regulation accuracy. In case of AVR failure, the compound allows the functionality to be maintained, although with degraded regulation characteristics.

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MOSA GE15YSXC images are for illustrative purposes only.

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Technical Sheet

Phase	Single phase / Three phase
Continuous power single phase (KVA)	6.5
Maximum power three phase (KW)	12
Continuous power three phase (KW)	11.2
Maximum power three phase (KVA)	15
Continuous power three phase (KVA)	14
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 32A 3P+N+T CEE - 1 x 400V 16A 3P+N+T CEE - 1 x 230V 16A 2P+T CEE - 1 x 230V 16A 2P+T SCHUKO
Engine	Yanmar 3TNV80F
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Starting system	Electric
Engine capacity (cm ³)	1642
Number cylinders	3
Cooling	Water
Inyección	Direct
Alternator	Single-phase synchronous self-excited, self-regulated, brushless
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR+Compound
Engine manufacturer	Yanmar