



MOSA GE 35 YSX GENETATOR SET 28 KW

Reference: CF0CA051- Morsettiera

MOSA GE 35 YSX GENETATOR SET 28 KW Stage 3A

MOSA GE35 YSX three-phase 30,4 KW generator set with Yanmar diesel engine. The MOSA GE35 YSX generator set is equipped with electric start. The alternator of the MOSA GE35 YSX generator set is synchronous, three-phase, self-excited, self-regulated, brushless with class H insulation with AVR voltage regulator.

This MOSA compact and convenient to maneuver and transport thanks to its compact size, weighing 960 kg as well as its practical pierceable base. The MOSA GE35 YSX generator set with 100 liters tank has a fuel consumption of 6,1 liters/hour at 75% of the load for an autonomy of 16 hours.

Technical specifications:

Three-phase Stand-By output (LTP): 38 kVA (30.4 kW) / 400V / 54.8 A

Three-phase PRP output: 35 kVA (28 kW) / 400V / 50.5 A

Frequency: 50 Hz

Cos ϕ : 0.8

ENGINE TECHNICAL DATA

Model: YANMAR 4TNV98

Net stand-by output: 34.1 kW (46.4 hp)

Net PRP output: 30.7 kW (41.7 hp)

Cylinders / Displacement: 4 / 3.3 l

Bore / Stroke: 98 / 110 (mm)

Compression ratio: 18.5 : 1

RPM controller: Mechanical

110 % (Standby power): 9 l/h

100 % PRP 8.1 l/h

75 % PRP 6.1 l/h

50 % PRP 4.2 l/h

TECHNICAL DATA ALTERNATOR

Continuous power: 35 kVA

Stand-by power: 39 kVA

Three-phase voltage: 380-415 Vac

Frequency: 50 Hz

A.V.R. model: HVR-30 (3ph. sensing)

Voltage regulation accuracy: ± 1.0 %

Sustained short-circuit current: 3 In

Transient Cdt (100% of load): 10 %

Response time: ≈ 3 sec.

Performance at 100% of load: 88.6 % (400V - Cos φ 0.8)
 Isolation: Class H

GENERAL SPECIFICATIONS

Tank capacity: 100 lt.
 Run time (75% of PRP): 16.5 h
 Measured acoustic power LwA: 90 dB(A) (65 dB(A) @ 7m)
 Guaranteed acoustic power LwA: 97 dB(A) (72 dB(A) @ 7m)
 Performance class: G2
 Length: 2050 mm
 Width: 900 mm
 Height: 1420 mm
 Weight: 960 kg
 Emissions regulations: Stage 3A

Features:

- Electronic AVR voltage regulation
- Rounded edges to allow rainwater runoff
- Sealed basement able to contain any leakage of liquids present in the engine avoiding environmental pollution
- External plugs for oil and water drainage
- Large access doors to allow easy maintenance (replacement of air filters, oil, fuel)
- Central lifting hook
- Side pockets for handling with forklifts
- Supersilenced
- Prepared for use with automatic panel EAS (AMF + ATS)
- Complies with EC directives for noise and safety

If you are looking for another product like the generator set MOSA GE35 YSX then you can see on our catalog other [terrestrial generators](#).

Images and technical data are not binding.

Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	30.4
Continuous power three phase (KW)	28
Maximum power three phase (KVA)	38
Continuous power three phase (KVA)	35
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Engine	Yanmar 4TNV98, 4 stroke naturally aspirated
Emissions Regulations	Stage 3A
Engine rpm (rpm)	1500
Starting system	Electric
Engine capacity (cm ³)	3319
Number cylinders	4

Cooling	Water
Inyección	Direct
Alternator	Sincrono trifase, autoeccitato, autoregolato, senza spazzole
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR+Compound
Engine manufacturer	Yanmar
