



MOSA GE S-6500 YDT RECOIL STARTER STAGE 5

Reference: CK5P7011

MOSA GES-6500 YDT 5,2 KW

MOSA GES-6500 YDT is a three-phase generating set with a YANMAR L 100 N diesel engine capable of delivering a power of 5.2KW.

The MOSA GES-6500 YDT generator set is equipped with a manual recoil starter. The alternator of the MOSA GES-6500 YDT generator set is synchronous, three-phase, self-excited, self-regulated and brushless with class H insulation.

MOSA is compact and compact.

MOSA is compact and convenient to maneuver and transport thanks to its compact size, its weight of 127 kg as well as its practical tubular handles. Generator set with partial cowling to reduce noise emissions.

The MOSA GES-6500 YDT generator set with 20-liter tank has a fuel consumption of 1 liter/hour at 75% load for a range of up to 20 hours.

Sockets:

1x 400V 16A 3P+N+T CEE
1x 230V 16A 2P+T CEE
1x 230V 16A 2P+T Schuko

Technical specifications MOSA GES-6500 YDT:

Three-phase Stand-by Output (LTP): 6.5 kVA (5.2 kW) / 400V / 9.4A
Three-phase PRP Output: 5.7 kVA (4.6 kW) / 400V / 8.2A
Single-phase PRP Output: 4 kVA / 230V / 17.4A
Frequency: 50 Hz
Cos ϕ : 0.8

MOTOR TECHNICAL DATA

Model: YANMAR L 100 N
Net stand-by output: 6.5 kWm (8.8 hp)
Net PRP output: 5.7 kWm (7.7 hp)
Cylinders / Displacement: 1 / 435 cm³
Bore / Stroke: 86 / 75 (mm)
Compression Ratio: 20 : 1
RPM Control: Mechanical
110 % (Stand-by Power): 1.5 lt. /h
100 % PRP: 1.3 lt. /h
75 % PRP: 1 lt. /h
50 % PRP: 0.8 lt. /h

Cooling system: Air
Sump oil capacity: 1.6 lt.
Maximum back pressure: 4.3 kPa
Starter motor power: 0.8 kW
Battery charging alternating capacity: 15 A
Cold starting: 0°C

TECHNICAL DATA ALTERNATOR

Continuous power: 7 kVA
Standby power: 7.7 kVA
Single-phase voltage: 400 Vac
Frequency: 50 Hz
Cos ϕ : 0.8
Voltage regulation accuracy: $\pm 4\%$
Sustained short-circuit current: 3 In
Transient Cdt (100% of load): 15 %
Yield at 100% of load: 80.5% (400V - Cos ϕ 0.8)
Isolation: Class H
Connection - Terminals: Series - No. 6
Electromagnetic Compatibility (Radio Interference Suppression): EN55011
Harmonic Distortion - THD: < 4 %
Direct Synchronous - Xd: 270 %
Direct Transitory - X'd: 20 %
Direct Subtransitory - X''d: 6.5 %
Synchronous in quad. - Xq: 150 %
Transitory - T'd: 33 ms
Subtransitory - T''d: 5.5 ms
Unloaded - T'do: 450ms
Short-circuit ratio Kcc: 0.60
Protection class: IP 23
Cooling air flow: 0.062/m³/sec
Coupling - Bearings: Direct J609b - N°1

GENERAL SPECIFICATIONS

Tank capacity: 20 lt.
Run time (75% of PRP): 20 h
Battery starting: 12 Vdc -18Ah (AE)
Measured acoustic power LwA (pressure LpA): 99 dB(A) (74 dB(A) @ 7m)
Performance class: G2

MOSA GES-6500 YDT portable generator set - Yanmar diesel engine recoil start - Three-phase alternator - Three-phase power 5.7 kVA (4.6 kW)

Features:

- Recoil start
- Engine stop for low oil level
- Circuit breaker
- Fuel level indicator
- Differential switch or insulation monitor (optional)
- Fully protective and partially enclosed stretcher
- Portable
- Compliant with CE safety directives
- AVR version on request
- Electric start on request

If you are looking for another product like the MOSA GES-6500 YDT generator set then you can browse our catalog for more [terrestrial generators](#).

Images and technical data are not binding.

Technical Sheet

Phase	Single phase / Three phase
Continuous power single phase (KW)	3.2
Continuous power single phase (KVA)	4
Maximum power three phase (KW)	5.2
Continuous power three phase (KW)	4.6
Maximum power three phase (KVA)	6.5
Continuous power three phase (KVA)	5.7
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 16A 3P+N+T CEE - 1 x 230V 16A 2P+T CEE - 1 x 230V 16A 2P+T SCHUKO
Engine	YANMAR L 100 V
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Speed governor	Mechanical
Ignition	Recoil
Starting system	Pull starter
Engine capacity (cm ³)	435
Number cylinders	1
Oil capacity (L)	1.6
Cooling	Air
Alternator	Synchronous self-excited, self-regulated
Bore x stroke (mm)	86 x 75
Fuel tank capacity (L)	20
Consumption (L/h)	1 at 75% of the load
Running time (h)	20 at 75% of the load
Acoustic pressure	74 dB(A) at 7 m
Length (mm)	770
Width (mm)	520
Height (mm)	650

Dry weight (Kg)	118
Silenced	Yes
Super silenced	No
ATS Switch device	No ATS
Voltage regulator	Compound / AVR (optional)
