



MOSA GE S-6500 YDT STAGE 5 ELECTRIC STARTER

Product price:

2,880.00 € tax excluded

Product description:

MOSA GES-6500 YDT 5,2 KW

MOSA GES-6500 YDT is a three-phase generating set with a YANMAR L100N diesel engine capable of delivering a power of 5.2 KW . The MOSA GES-6500 YDT generating set is equipped with electric start complete with battery. 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 convenient to maneuver and transport thanks to its compact size, its weight of 137 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 output Stand-by (LTP): 6.5 kVA (5.2 kW) / 400V / 9.4A

Three-phase output PRP: 5.7 kVA (4.6 kW) / 400V / 8.2A

Single-phase output PRP 4 kW / 230 V / 17.4A

Frequency: 50 Hz

Cos ? : 0.8

MOTOR TECHNICAL DATA

Model: YANMAR L100N



Net standby 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
Electrical system: 12 Vdc (AE)
Starter motor power: 0.8 kW
Battery charge alternating capacity: 15 A
Cold start. 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: ± 4 %
Sustained short circuit current: 3 In
Transient Cdt (100% load): 15 %
Efficiency at 100% load: 80.5% (400V - Cosφ 0.8)
Isolation: Class H
Connection - Terminals: Series - No. 6
Electromagnetic Compatibility (Radio Interference Suppression): EN55011
Harmonic Distortion - THD: 4 %
Direct Synchronous - X_d: 270 %
Direct Transitory - X'_d: 20 %
Direct Subtransitory - X''_d: 6.5 %
Synchronous in quad. - X_q: 150 %
Transitory - T'_d: 33 ms
Subtransitory - T''_d: 5.5 ms
Unloaded - T'_{do}: 450 ms
Short-circuit ratio K_{cc}: 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.

Autonomy (75% of PRP): 20 h

Starting battery 12 Vdc -18Ah (AE)

Acoustic power measured LwA: 99 dB(A) (74 dB(A) @ 7m)

Performance class: G2

Length: 770 mm

Width: 520 mm

Height: 650 mm

Weight: 137 Kg

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

Features:

- Electric 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
- Complies with CE safety directives
- AVR version 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 generator sets](#).

Images and technical data are not binding.

Product features:

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 L100V

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Speed governor: Mechanical

Starting system: Electric

Engine capacity (cm³): 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

Running time (h): 20

Acoustic power: 99 dB(A)

Acoustic pressure: 74 dB(A) at 7 m

Length (mm): 770

Width (mm): 520

Height (mm): 650

Dry weight (Kg): 137

Product type: Generator

ATS Switch device : Optional

Voltage regulator: Compound / AVR (optional)

Engine manufacturer: Yanmar

