



MOSA GE 17054 HBT

Reference: CL4L60U3

MOSA GE 17054 HBT 12 KW AVR generating set

MOSA GE 17054 HBT is a 12 KW single-phase and three-phase gasoline-powered generator set with Honda engine and voltage regulator with **AVR** technology. The MOSA GE 17054 HBT is easily transportable thanks to the side handles.

The MOSA GE 17054 HBT genset delivers a stable and precise three-phase power of 12 KW suitable for powering sophisticated electronic equipment that is sensitive to voltage and frequency variations.

You can therefore quietly and easily enjoy all the little comforts of home wherever you are: lights, fans, a coffee machine, laptops, radio or TV.

The MOSA GE 17054 HBT genset is equipped with an 18-liter capacity tank for an autonomy of almost 4 hours of continuous operation at 75% load.

AUTOIDLE function

Normal gensets with gasoline engines generally run at a high speed, 3000 rpm.

Experience has taught us that during their use generators very often operate without a load connected. With the AUTOIDLE function all this is eliminated because the engine runs at a low speed, thus **lower fuel consumption and less noise**, and only at the request of current is automatically brought to the rated speed without delay and for any type of load.

The MOSA GE 17054 HBT generator set control panel houses the machine's outlets and controls, including the main circuit breaker, insulation monitor, hour meter and voltmeter.

The MOSA GE 17054 HBT generator set is **suitable for a wide range of uses** such as construction, equipment rental, and events.

Technical features of the MOSA GE 17054 HBT:

Three-phase Stand-by Output (LTP): 17 kVA (13.6 kW) / 400 V / 24.5 A

Three-phase PRP Output: 15 kVA (12 kW) / 400 V / 21.6 A

Single-phase PRP Output: 7 kVA/kW / 230 V / 30.4A

Frequency: 50 Hz

Cos φ: 0.8

ENGINE TECHNICAL DATA

Model: HONDA iGX 800

Net standby output: 16.8 kWm (22.8 hp)

Net PRP output: 13.3 kWm (18 hp)

Cylinders / Displacement: 2 a V / 779 cm³ (0. 779 lt.)

Bore / Stroke: 83 / 72 (mm)

Compression ratio: 9.1 : 1

RPM controller: Electronic

110 % (Standby power): 6. 9 lt./h

100 % PRP: 6.3 lt./h

75 % PRP: 4.7 lt./h
50 % PRP: 3.2 lt./h
Oil capacity in sump: 2 lt
Oil consumption at full load < 0.028 kg./h
Maximum backpressure: 4.3 kPa (0,043 bar 440 mmH²O)
Electrical system: 12 Vdc
Battery charging altern. capacity: 20 A

TECHNICAL DATA ALTERNATOR

Continuous power: 15 kVA
Standby power: 16.5 kVA
Single-phase voltage: 380 - 415 Vac
Frequency: 50 Hz
Cos φ: 0.8
Voltage regulation accuracy: ± 1 %
Sustained short circuit current: 3 In
Transient Cdt (100% load): < 25 %
Response time < 0.5 sec.
Isolation: Class F/H
Connection - Terminals: Series - N°4
Electromagnetic Compatibility: EN 61000-6-2, EN 61000-6-3
Harmonic Distortion - THD: < 5 %
Protection Class: IP 54
Coupling - Bearings: Direct - N°1
Voltage Regulator: AVR
A.V.R. Analogic Model

GENERAL SPECIFICATIONS

Tank capacity: 18 lt.
Run time (75% of PRP): 3.8 h
Starting battery: 12 Vdc -37Ah / 330A CCA (EN)
Measured acoustic power LwA: 99 dB(A) (74 dB(A) @ 7m)
Performance class: G2
Length: 935 mm
Width: 525 mm
Height: 645 mm
Weight: 175 Kg

If you are looking for another product such as MOSA GE 17054 HBT generator set then you can browse our catalog for more [overland generator sets](#).

Images and technical data are not binding.

Technical Sheet

Phase	Single phase / Three phase
Continuous power single phase (KW)	5.6
Continuous power single phase (KVA)	7
Maximum power three phase (KW)	13.6
Continuous power three phase (KW)	12
Maximum power three phase (KVA)	17
Continuous power three phase (KVA)	15
Fuel	Gasoline

Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 32A 3P+N+T CEE IP67 - 2 x 230V 16A 2P+T Schuko
Engine	Honda iGX390, 4 stroke, OHV
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Electric
Engine capacity (cm ³)	779
Number cylinders	2
Oil capacity (L)	2
Cooling	Air
Alternator	Synchronous self-excited, self-regulated
Fuel tank capacity (L)	18
Consumption (L/h)	4.7
Running time (h)	3.8
Acoustic power	99 dB(A)
Acoustic pressure	74 dB(A) at 7 m
Length (mm)	935
Width (mm)	525
Height (mm)	645
Dry weight (Kg)	175
Silenced	No
Super silenced	No
Product type	Generator
ATS Switch device	No ATS
Voltage regulator	AVR
Engine manufacturer	Honda