



GENSET MG7-5 I-BE Generator 7KVA

Reference: MG7/5 I-BE

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The GENSET MG7-5 I-BE 7KVA Generator represents an advanced and reliable solution in the field of portable generators. Designed to offer excellent and durable performance, the GENSET MG7-5 I-BE is ideal for a wide range of domestic, commercial, and industrial applications, ensuring stable and continuous power even under the most challenging conditions.

The GENSET MG7-5 I-BE 7 kVA generator is a versatile device that can operate in both single-phase and three-phase modes, providing the flexibility needed to meet various electrical power needs for both domestic and industrial applications.

The GENSET MG7-5 I-BE 7KVA Generator is equipped with a Briggs & Stratton XR2100 StageV engine, powered by gasoline, capable of delivering 7 KVA of power with an optional capacitor voltage regulator (AVR).

Key Features

The GENSET MG7-5 I-BE is capable of delivering a nominal power of 7 KVA, ensuring optimal operation for various electrical devices. The advanced technology of the GENSET MG7-5 I-BE guarantees high energy efficiency, reducing fuel consumption and emissions.

High-Efficiency Engine

The GENSET MG7-5 I-BE 7KVA Generator is equipped with a robust, high-efficiency engine designed for long-lasting performance and minimal maintenance. The engine design ensures consistent and reliable power even during extended periods of use.

The GENSET MG7-5 I-BE Generator features a fully steel construction and a large metal fuel tank with a fill indicator. The generator ensures efficient and quiet operation thanks to the Honda OHV engine, which allows it to deliver a maximum power of 7 KVA.

Strengths of the GENSET MG7-5 I-BE 7KVA include high-quality components, lightweight design, compactness, portability, ease of use, and a modern design. The 7 KVA Generator comes with a manual recoil start.

OPTIONAL AVR

The purpose of the AVR in a power source is to keep the output stable. And if its operation is very simple when resistive loads are supplied, the situation is more complex in the case of mainly inductive loads: the delayed phase-shifted current contrasts the inductor magnetic field, causing a voltage drop at the

alternator output terminals. ; to compensate for the phenomenon, the AVR intervenes automatically by increasing the excitation current, until the output returns to the nominal value. If the load is instead capacitive, the current acts as a magnetizer for the inductor causing an increase in the output voltage, and the AVR intervenes by reducing the excitation current

TECHNICAL FEATURES GENSET MG7-5 I-BE:

Phase Type: Single-phase - Three-phase
Maximum Single Phase Power: 4 KVA
Maximum three-phase power: 7.5 KVA
VAC Voltage: 230 V - 400 V 230 V - 400 V
Frequency (Hz): 50
Quadro Starter: Pull-wire
Motor: Briggs & Stratton XR2100
Emission Standard: Stage V
RPM: 3000
Power supply: Gasoline
Voltage regulator: Capacitor (AVR optional)
Socket panel: 1 x 230V 16A CEE - 1 x 400V 16A CEE
Fuel tank capacity: 6.6 l
Consumption @ 75 % load: 3.6 l/h
Autonomy @ 75 % load: 1.84 h
Sound pressure: 73 dB(A) @ 7m
Length: 770 mm
Width: 480 mm
Height: 625 mm
Net weight: 84 Kg

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Non-binding images and technical data.

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KVA)	4
Maximum power three phase (KVA)	7.5
Fuel	Gasoline
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 16A CEE - 1 x 230V 16A CEE
Engine	Briggs&Stratton XR2100, 4 stroke, OHV
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Manual recoil

Engine capacity (cm ³)	420
Number cylinders	1
Cooling	Air
Alternator	Synchronous
Protection degree	IP23
Motor insulation class	H
Fuel tank capacity (L)	6.6
Consumption (L/h)	3.6 l/h at 75% load
Running time (h)	1.84 at 75 per cent load
Acoustic power	98 dB(A)
Acoustic pressure	73 dB(A) at 7 m
Length (mm)	770
Width (mm)	480
Height (mm)	625
Dry weight (Kg)	84
Silenced	No
Super silenced	No
Product type	Generator
ATS Switch device	No ATS
Voltage regulator	Capacitor / AVR (optional)
Engine manufacturer	Briggs&Stratton