



DYNAMICA MINI 40E Marine Generator Single-phase Supersilenced 3KW

Reference: 010MINI003120

DYNAMICA MINI40E SINGLE-PHASE MARINE GENERATOR SUPER SILENCED 3KW

The DYNAMICA MINI40E is a single-phase 3 KW marine generator with a 3000 rpm engine. Designed with a soundproof cabin, it is extremely silent. It is built with a Yanmar 4-stroke diesel engine and equipped with a synchronous, self-excited, brushless alternator. Thanks to its compact size and reduced weight, the Dynamica MINI40E marine generator is also ideal for installation on small boats.

Technical Features of the DYNAMICA MINI40E Marine Generator:

- Single-phase maximum power: 3 KW
- Single-phase continuous power: 2.7 KW
- Fuel: Diesel
- Voltage: 230 V
- Frequency: 50 Hz
- Engine: Yanmar L70N
- Length: 593.4 mm
- Width: 407 mm
- Height: 515 mm
- Weight: 96 Kg

Engine

- Yanmar L70N, diesel, 4-stroke
- Easy access to fuel line, lubrication system, seawater pump, and air filter
- Emergency shutdown in case of low oil pressure, high engine or exhaust temperature
- Double anti-vibration system
- Equipped with oil extraction pump

Alternator

- Synchronous, 2 poles, self-regulated, brushless, self-excited
- Rotor and stator coated with epoxy resin for protection against external agents
- Dynamically balanced rotor
- Insulation class: H
- Automatic shutdown for high temperature

Engine and Alternator Cooling

- Water/air heat exchanger

Soundproof Cabin

- Main structure in aluminum with 5754 alloy panels

Control Unit

- IP54 protection
- Soft-touch ON/OFF/START/STOP/MENU buttons
- Digital display with hour counter, AC output voltage, DC battery voltage, frequency, and memory of the last 10 alarms
- 13 alarm icons
- Mod-Bus 485 connector for monitoring from the main control panel
- GSM communication for remote start/stop and alarm message reception

The Dynamica range includes the compact yet powerful MINI40E, delivering 3 KW of maximum power at 50 Hz, followed by the MINI60E, MINI70E, and MINI90E, with maximum power outputs of 5, 6.1, and 8.6 KW respectively.

Compact dimensions, robustness, and reliability are the key features of this new range of marine generators.

If you are looking for a marine generator like the MINI40E but with different technical specifications, browse the full catalog of [marine generators](#).

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	3
Continuous power single phase (KW)	2.7
Maximum power single phase (KVA)	3
Continuous power single phase (KVA)	2.7
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Engine	Yanmar L70N, 4 stroke
Engine rpm (rpm)	3000
Speed governor	Centrifugal, mechanical
Engine capacity (cm ³)	220
Number cylinders	1
Cooling	Heat exchanger air/water
Inyección	Direct
Alternator	Sincrono, autoeccitato, autoregolato, senza spazzole
Poles	2
Bore x stroke (mm)	78 x 67
Lubrication	Forced
Consumption (L/h)	1.3
Acoustic pressure	54 dB(A) at 7 m

Length (mm)	593.4
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Width (mm)	407
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Height (mm)	515
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Dry weight (Kg)	96
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Compression ratio	20 : 1
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Product type	Generator
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Engine manufacturer	Yanmar
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