



## DYNAMICA MINI 40E 60 Hz EPA TIER 3

Reference: DYNAMICA - Standard- 40E 60 Hz EPA TIER 3

### Super-silenced DYNAMICA MINI40E 60 Hz marine generator 3,2KW

Generator Dynamica MINI40E single-phase 3,2KW power, with a 3000 rpm motor. The Dynamica MINI40E marine generator is designed with a soundproof cabin that makes it **supersilenced**. The 3,2KW Dynamica MINI40E generator is built with a 4-stroke diesel-powered Yanmar engine. The Dynamica MINI40E generator's alternator is synchronous, self-excited and brushless. With its compact size and light weight, the 3,2KW Dynamica MINI40E marine generator is also suitable for installation on small boats.

#### Technical features:

Maximum power single-phase: 3.2 KW  
Single-phase continuous use power: 2.9 KW  
Fuel: Diesel  
Voltage: 240 V  
Frequency: 60 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, salt water pump and air filter
- Emergency stop in case of low oil pressure, high engine temperature or exhaust
- 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 against external agents
- Dynamically balanced rotor
- Insulation class: H
- Automatic high temperature shutdown

#### Alternator motor cooling

- Water/air heat exchanger

#### Soundproof enclosure

- Aluminum main frame and 5754 aluminum panels

#### Control unit

- IP54 protection
- ON/OFF/START/STOP/MENU soft-touch keys
- Digital display, hour meter, AC output voltage, DC battery voltage, frequency, memory of the last 10 alarms
- 13 alarm icons
- Mod-Bus 485 connector for monitoring the generator from the main control panel
- GSM communication for starting and stopping the generator, receiving alarm messages

The Dynamica range includes the small but powerful nautical generator MINI40E, which delivers 3,2KW of maximum power at 60 Hz, to continue with the MINI60E, the MINI70E up to the most powerful MINI90E respectively with maximum powers of 5, 6.1 and 8.6 KW.

Compact size, robustness and reliability are the main features of these new marine generators also with this new range of power.

If you are looking for a generator as the Dynamica MINI40E but with different technical features then you can browse the entire catalog of [marine generators](#).

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	3.2
Continuous power single phase (KW)	2.9
Maximum power single phase (KVA)	3.2
Continuous power single phase (KVA)	2.9
Fuel	Diesel
Frequency (Hz)	60
Voltage (V)	240
Engine	Yanmar L70N, 4 stroke
Engine rpm (rpm)	3600
Speed governor	Centrifugal, mechanical
Engine capacity (cm <sup>3</sup> )	220
Number cylinders	1
Cooling	Heat exchanger air/water
Inyección	Direct
Alternator	Synchronous self-excited, self-regulated, brushless
Poles	2
Bore x stroke (mm)	78 x 67
Compression ratio	20 : 1
Lubrication	Forced
Consumption (L/h)	1.5
Acoustic pressure	56 dB(A) at 7 m
Length (mm)	593.4

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Width (mm)	407
Height (mm)	515
Dry weight (Kg)	96
Product type	Generator
Engine manufacturer	Yanmar
Approvals	EPA Tier 3

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