



# DYNAMICA MINI 40E 60 Hz EPA TIER 3

## Product description:

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.

#### **Product features:**

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