



# DYNAMICA MINI 40E MARINE GENERATOR 6,1KW

## Product description:

Super-silenced DYNAMICA MINI70E marine generator 6,1 KW

Generator Dynamica MINI70E single-phase 6,1 KW power with 3000 rpm motor. The Dynamica MINI70E marine generator is designed with a soundproof cabin that makes it **super-silenced**. The Dynamica MINI70E marine generator is built with a Kubota engine powered by 4-stroke diesel. The Dynamica MINI70E generator alternator is synchronous, self-excited and brushless. With its compact size and light weight, the Dynamica MINI70E marine generator is also suitable for installation on small boats.

## Technical features:

Maximum power Single-phase: 6.1 KW  
Continuous use power Single-phase: 5.6 KW  
Fuel: Diesel  
Voltage: 230 V  
Frequency: 50 Hz  
Motor: Kubota Z482  
Length: 650 mm  
Width: 468 mm  
Height: 555 mm  
Weight: 165 Kg

## Engine

- Kubota Z482, 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 KW of maximum power at 50 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 power range.

If you are looking for a nautical generator like the MINI70E 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): 6.1

Continuous power single phase (KW): 5.6

Maximum power single phase (KVA): 6.1

Continuous power single phase (KVA): 5.6

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230

Engine: KUBOTA Z482, 4 stroke





Engine rpm (rpm): 3000

Speed governor: Centrifugal, mechanical

Engine capacity (cm<sup>3</sup>): 479

Cooling: Heat exchanger air/water

Inyección : Indirect

Alternator: Synchronous self-excited, self-regulated, brushless

Poles: 2

Bore x stroke (mm): 67 x 68

Compression ratio: 23.5 : 1

Lubrication: Forced

Acoustic pressure: 54 dB(A) at 7 m

Length (mm): 650

Width (mm): 468

Height (mm): 555

Dry weight (Kg): 165

Product type: Generator

Engine manufacturer: Kubota