



## DYNAMICA MINI 120V SINGLE-PHASE MARINE GENERATOR 12KW

Reference: MINI 120V Standard

### DYNAMICA MINI 120V SINGLE-PHASE MARINE GENERATOR 12KW

The DYNAMICA MINI120V single-phase silenced marine generator is equipped with a Kubota Z902 engine powered by diesel, it is capable of delivering a maximum power of 12KW with variable revolutions.

The DYNAMICA MINI120V marine generator is equipped with a soundproof cabin that makes it super silent, with a sound emission of 56dB(A) at a distance of 7 m. The painted aluminum soundproofing cabin is extremely lightweight and of very high resistance to external agents.

The Dynamica MINI120V is built with a Kubota engine powered by 4-stroke diesel with variable rpm. The Dynamica MINI120V marine generator alternator is a permanent magnet with insulation class H.

The DYNAMICA MINI120V Marine Generator allows easy access for maintenance of the power and lubrication systems, sea water pump, air filter, oil filter and fuel. It is also equipped with safety systems of auto stop for low oil pressure and high temperature engine or exhaust gases.

With its compact size and light weight, the Dynamica MINI120V is also suitable for installation on small boats.

#### DYNAMICA MINI120V control unit

- IP54 protection
- ON/OFF/START/STOP/MENU soft-touch keys
- Digital display for monitoring the Dynamica generator
- 10m connection cable
- Mod-Bus 485 connector for monitoring the generator from the main control panel
- GSM communication for starting and stopping the generator, receiving alarm messages

#### Engine

- Kubota Z902, diesel, 3 cil., 18 hp (13.4 kWm) - 898 cm<sup>3</sup> - Electric start, 12V DC
- 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

#### TECHNICAL FEATURES DYNAMICA MINI120V

Phase Type: Single Phase  
Maximum Power: 12 KVA / 12 KW  
Factor cos  $\phi$ : 1  
Fuel: Diesel  
Voltage: 230 - 240 V  
Frequency: 50 - 60 Hz

Motor: Kubota Z902, 4 Stroke  
Mechanical Power: 18 Hp  
Displacement: 898 cc  
Engine RPM: 2100 ÷ 3150 rpm  
Sound Pressure: 54 dB(A) @ 7 m  
Alternator: Permanent Magnets (PMG)  
Consumption: 3.6 l/h @ 75 %  
Length: 730 mm  
Width: 468 mm  
Height: 555 mm  
Weight: 185 Kg

Looking for a marine generator with different technical features? [Here](#) you can find the full range of DYNAMICA generators or other specialized brands

Images and technical data not binding.

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	12
Maximum power single phase (KVA)	12
Fuel	Diesel
Frequency (Hz)	50 / 60
Voltage (V)	230 / 240
Engine	Kubota Z902
Engine rpm (rpm)	2100 ÷ 3150
Starting system	Electric
Engine capacity (cm <sup>3</sup> )	898
Number cylinders	3
Cooling	Heat exchanger air/water
Inyección	Indirect
Alternator	Permanent magnets
Bore x stroke (mm)	72 x 73.6
Consumption (L/h)	3.6
Acoustic pressure	54 dB(A) at 7 m
Length (mm)	730
Width (mm)	468
Height (mm)	555
Dry weight (Kg)	185

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Product type	Generator
Engine manufacturer	Kubota

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