

# CUMMINS ONAN MDKDV SINGLE PHASE MARINE GENERATOR SET 19 KW AVR



## Product description:

Super-silenced CUMMINS ONAN MARINE GENERATOR ONAN MDKDV 19 KW AVR

CUMMINS ONAN MDKDV single phase 19 KW marine generator with 1500 rpm motor. The CUMMINS ONAN MDKDV is designed with a soundproof enclosure that makes it **supersilenced**. The CUMMINS ONAN MDKDV marine generator is built with a Cummins 4-stroke diesel powered engine. The alternator of the CUMMINS ONAN MDKDV is 4-pole with insulation class H and **AVR** voltage regulator.

The AVR is an electronic device that regulates the alternating current coming from the alternator and transforms it into direct current.

So, by means of a voltage regulator, it is possible to convert the alternating current with time-varying frequency and voltage into direct current with constant voltage and thus allows to avoid and current surges.

## Technical Specifications of CUMMINS MARINE GENERATOR ONAN MDKDV :

Phase Type: Single-Phase

Power Supply: Diesel

Single-Phase Power: 19 KW

Single-Phase Power: 19 KVA

Voltage: 115V/230V

Amps: 82.6A at 230 V, 165. 2A at 115 V

Frequency: 50 Hz

Rpm: 1500 rpm

Cooling: Liquid

Cylinders: 4

Bore x Stroke: 87x102.4 mm

Displacement: 2434 c.c

Compression Ratio: 24.3:1

Boosting: Electric 12V

Fuel Consumption: 5. 2 Lt/h at 75% load

Voltage regulator: digital AVR

Insulation class: H

Length: 1127 mm

Width: 602 mm

Height: 698 mm

Weight: 422 Kg

Super-silenced

65 dB(A) at 1 meter

Includes soundproofing booth, 12V electrical system, negative ground.

- The CUMMINS MARINE GENERATOR optional digital display offers user-friendly diagnostics including detailed engine and alternator information, self-diagnostic functions and text displays.
- Marine generators like the CUMMINS with advanced design and development processes use technology to reduce noise and vibration. Acoustic shields minimize noise and provide better sound quality output. Optimized mounting system greatly reduces vibration.
- Certified by the U.S. Environmental Protection Agency. (EPA) (60 Hz models only).

If you're looking for a boat product like the MDKDV marine generator, but with different technical features, then you can browse the entire catalog of marine generators.

Non-binding images and technical data.

### Product features:

Phase: Single phase

Maximum power single phase (KW): 19

Continuous power single phase (KW): 19

Maximum power single phase (KVA): 19

Continuous power single phase (KVA): 19

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 115 / 230

Engine: Cummins, 4 stroke

Engine rpm (rpm): 1500

Starting system: Electric

Engine capacity (cm<sup>3</sup>): 2434

Number cylinders: 4

Oil capacity (L): 7.6

Cooling: Water

Poles: 4

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Bore x stroke (mm): 87 x 102  
Compression ratio: 24.3 : 1  
Consumption (L/h): 5.2 @ 75%  
Acoustic pressure: 65 dB(A)  
Length (mm): 1127  
Width (mm): 602  
Height (mm): 698  
Dry weight (Kg): 422  
Silenced: Yes  
Super silenced: Yes  
Product type: Generator  
ATS Switch device : No  
Voltage regulator: AVR  
Engine manufacturer: Cummins