

# CUMMINS ONAN MDKDU MARINE GENERATOR SET 27 KW 12 V



## Product description:

**MDKDU 27KW - 1500 rpm - 50 Hz - 12 V - Three Phase - Insulated poles complete with:**

## Features and benefits

- Rugged dependability, high quality and innovation make Cummins Onan Marine Generators the leader in marine generator design and development, providing Performance you rely on.™
- The digital QD (Quiet Diesel) Series models are the first marine generator sets with self-monitoring capability and network communication.
- The optional Cummins Onan Digital Display provides user-friendly diagnostics including extensive engine and alternator information, self-diagnostic features and text display.
- The Cummins Onan Marine Generators with advanced design and development processes use technology to lower sound and vibration. Our sound shields minimize noise and deliver better sound quality. The optimized mounting system greatly reduces vibration.

## STANDARD FEATURES

- Advanced digital electronic control providing extensive diagnostic capability
- Shutdown with diagnostic indicator light for: high engine coolant temperature, high exhaust temperature, low oil pressure, over speed/voltage, starter overcrank, no raw water flow, additional customer input and many more
- Start-run-stop switch with glow plug preheat and fuel pump priming modes for easy starting; run light and diagnostic indicator light
- Start function has automatic glow plug preheat providing better, cleaner starting
- Engine starter with automatic start disconnect

- Electronic governor allows the generator set to maintain isochronous frequency control and close voltage regulation to provide quality power for digital appliances and computers
- Single phase AC alternator with single or dual voltages, brushless
- Digital voltage regulator integral with control
- 12 V DC electric system with battery charging, negative ground
- Electric fuel transfer pump for priming and lift capability
- DC control console mounted with isolation and DC protective circuit breakers
- Freshwater cooling system with heat exchanger, expansion tank and coolant recovery system
- Water cooled exhaust mixing elbow
- Gear-driven raw water pump
- AC mainline circuit breaker
- Running time meter
- Air intake silencer
- Captive focalized mounting systems with vibration isolators
- Full flow lube oil filter
- Oil drain and hose extension
- Electric fuel shut-off via electronic governing actuator
- Fuel filter
- Drip pan base capable of containing all generator set fluids
- Bulk head type connections for ease of installation include fuel in, fuel out, battery, raw water inlet, wet exhaust, generator set ground (vessel bond)
- Single point lifting bracket for ease of installation
- Plug-in watertight connector for optional remote control
- Closed crankcase breather re-circulation to eliminate engine room contamination
- Coolant overflow bottle to easily maintain coolant level
- Fire extinguisher access port
- Factory load tested
- Five year limited warranty

Not binding images and data.

**Product features:**

Phase: Three phase

Continuous power three phase (KW): 27

Continuous power three phase (KVA): 33.7

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 110 / 220

Engine: Cummins, 4 stroke

Engine rpm (rpm): 1500



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Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 3318  
Number cylinders: 4  
Oil capacity (L): 11.4  
Cooling: Water  
Poles: 4  
Consumption (L/h): 6.2  
Length (mm): 1033  
Width (mm): 566  
Height (mm): 593  
Dry weight (Kg): 601  
Silenced: Yes  
Super silenced: Yes  
Product type: Generator  
Voltage regulator: AVR  
Engine manufacturer: Cummins