

# 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 tempi

Engine rpm (rpm): 1500



Starting system: Elettrico  
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

