



## Commitment to Excellence

At Onan, we've spent decades focused on one goal—developing the best-designed and most innovative marine generator sets in the industry, which is why we are the global leader in marine genset production. More than 60 years of marine experience, gained by supplying generators to the U.S. Coast Guard, Navy, recreational boaters, and some of the finest yacht builders in the world, stands behind every Onan marine generator.

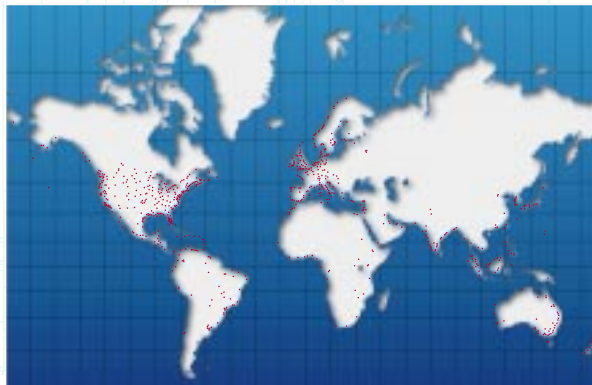
Today Onan gensets are the preferred choice of powerboat owners and yachting enthusiasts, fishermen and commercial vessel captains around the globe, for all applications where reliability and performance are demanded.

Onan proves again it's Leading the Way in marine genset technology and innovation. Our extensive line of marine generator sets from 4-95 kW provide state-of-the-art reliability and smooth, quiet operation.

## Superior Customer Assistance

### Largest Support Network

Onan gensets are supported by the largest and best-trained worldwide certified Distributor/Dealer network in the industry. That means that wherever your journey takes you, you can feel confident that an Onan representative is nearby. Many Distributor/Dealers also support Cummins Marine engines and products.



### Warranty

Onan's extensive warranty coverage provides owner peace of mind and is completely transferable. The Onan express, written Limited Warranty covers virtually everything except routine maintenance for the first two years you own your marine generator set, and covers parts and labor on major power train and generator set parts during the third through fifth years. For complete Onan Limited Warranty details see your Onan Distributor/Dealer.



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# LEADING THE WAY



Introducing  
**Onan**  
**e-Q-D**  
electronic Quiet Diesel

**Onan** MARINE GENERATORS

# Introducing the e-QD—The Digital Genset



## Onan e-QD—The Digital Genset

MDKAU 5 kW 60 Hz/4 kW 50 Hz

Now, we are taking marine generators to a higher level with the introduction of the first digital genset. The innovative e-QD—electronic Quiet Diesel—demonstrates an exciting breakthrough in marine genset design and development.

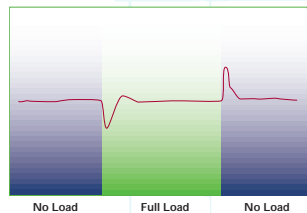
### The first marine genset to tell you what it needs

The advanced digital electronic genset control provides extensive diagnostic capabilities. Detailed information is available at the touch of a button, taking out the guesswork and providing built-in confidence. This user-friendly diagnostic feature is easy for the operator to access from the start/stop switch status light mounted on the genset's control panel.

The digital electronic control constantly monitors the genset's operation and alerts the user to potential problems. Have you ever had debris blocking your raw water intake system, forgotten to open your sea cock or change your impeller? The new Onan e-QD will protect you from progressive damage to your generator, such as overheating, with its smart technology.

In addition to the user-friendly diagnostic code feature, there is a second level of codes to assist the operator or service personnel in evaluating a variety of other operating conditions and service checks.

Positioned for the future, the Onan e-QD Series features electronic governing as standard. This premium feature allows the genset to maintain tight voltage and electronic frequency regulation and provide quality power for digital appliances and computers. The chart at right demonstrates the frequency response for the MDKAU at no load to full load and back. The transient recovery response time is less than one second. A mechanically governed set does not maintain a constant 60 or 50 Hz frequency.



## Standard Features

The MDKAU comes standard with several premium features including

- Advanced digital electronic control provides extensive diagnostic capability
- Insulated enclosure for optimum sound attenuation—the quiet in Quiet Diesel
- Easy access to service and maintenance—performed from one side
- Oil level check access from control panel outside enclosure
- Maintenance-free electronic governor with close isochronous regulation
- Start function has automatic pre-heat to glow plugs providing better starting and less smoke
- DC electric system integral battery changing
- Completely transferable five year Limited Warranty
- Self-protective shutdowns including high engine coolant temperature, high exhaust temperature, low oil pressure, over speed, over voltage, no raw water flow, and many others
- Remarkably low vibration—so smooth a coin stays balanced on edge on a running unit



## Specifications

Length	26 in (662 mm)
Width	20.1 in (511 mm)
Height	20.6 in (524 mm)
Weight	350 lb (159 kg)