

C4.4 ACERT™

MARINE GENERATOR SETS



C4.4 ACERT™ MARINE GENERATOR SETS • 50 Hz, 60 Hz

Meet all your on-board power needs with a Cat® C4.4 ACERT generator set. Packages, configurations, and options meet the needs of any marine application and, no matter how complex your requirements, installation is simple.

18% MORE POWER THAN C4.4 MECHANICAL ENGINE



NOISE REDUCTION

- Engine block is designed for low noise and vibration
- Insulated timing case cover
- Isolated oil pan (also provides ease of maintenance)
- Improved pump and gear train system

LOW OWNING AND OPERATING COSTS

- Competitive pricing
- Long life construction
- Extended service intervals

FLEXIBLE

- All the power you need for any on-board equipment
- Open set or sound attenuated enclosure
- Radiator, heat exchanger, or keel cooled

EASY AND EFFICIENT

- Plug and play remote instrument panels
- Excellent fuel economy
- Clean, quiet, smooth operation
- Designed for fail-safe operation
- Single source of supply for reduced service costs and port time

SUSTAINABLE

- Meets EPA Tier 3 emission standards
- Low noise and vibration levels

Standard Engine Equipment

- Common-rail fuel system, primary and secondary fuel filters
- Crankcase ventilation system
- Engine-mounted air cleaner and expansion tank
- Gear-driven jacket-water and auxiliary-water pumps
- Water-cooled exhaust manifold and turbocharger
- Integral plate-type oil cooler
- 12V or 24V starter motor
- Isolated sump
- Integrated base frame
- Anti-vibration engine mounts
- Safety shutdowns for low oil pressure, high water temperature, and overspeed*
- Glow plugs aid starting in cold weather
- 3-phase AREP generators with 300% short circuit capability
- Automatic Voltage Regulator (AVR)

* Automatic shutdowns for overspeed, high fresh water temperature, low engine oil pressure, and high exhaust temperature when fitted with a wet exhaust system.



STANDARD EMCP 4.2 CONTROL PANEL

- 2 programmable outputs
- 6 programmable inputs
- Programmable security levels
- Engine and generator protection
- Versatile mounting points for customization

Optional Attachments

CONTROL SYSTEM

- Governor droop kit enables paralleling with appropriate customer-supplied switchgear.

FUEL SYSTEM

- Double wall fuel lines with enclosed common rail and mounted alarm reservoir duplex fuel filters

LUBE SYSTEM

- Duplex oil filters

STARTING SYSTEM

- Additional 12V or 24V electric starter
- Air starter
- Jacket-water heater options
- Charging alternator

MCS CERTIFICATIONS**

- ABS, BV, DNV, LR, GL, PRS, RINA, CCS, RS

GENERAL

- Space heater kit, installed: 120V AC, 240V AC
- PGS test report
- Extra literature
- Storage preservation
- Export packing

**Ask your dealer about availability



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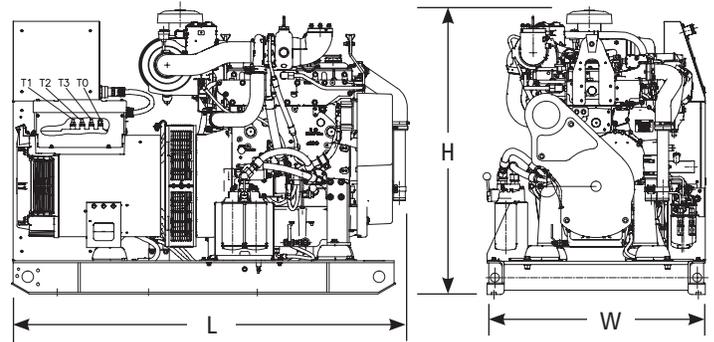
**COMPACT, VERSATILE, ABSOLUTELY DEPENDABLE —
AND QUIET ENOUGH TO FORGET YOU HAVE IT ABOARD.**

MCS 3 CONTROL PANEL

Ask your dealer about availability

- Capable of parallel running and load sharing
- Increased I/O and analog sensing
- Exhaust temperature sensing
- Fresh and seawater differential pressure monitoring
- Bronze pump option for seawater/keel cooling
- Duplex oil and fuel filters with differential pressure monitoring





All the power you need, when you need it.

Get improved noise reduction, long maintenance intervals, and power you can trust. Bring aboard a Cat generator set and put your mind at ease. Your Cat dealer is ready to give you the kind of support that will keep your system healthy for years to come. That's the way we're built.

To learn more about what a Cat generator set can do for you, call your local Cat dealer or visit marine.cat.com

BUILT FOR IT.™

Caterpillar Marine

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Images may not reflect actual engine.
For most current information, please refer to TMI web.

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