C280
Cat® Generator Sets for Offshore Applications
C280 OFFSHORE GENERATOR SETS

PRODUCT FOCUS: YOUR OPERATION

CUSTOMER CONFIDENCE
C280 generator sets deliver:
• Industry-leading power density and performance
• MCS approval
• EPA Marine Tier 2 and IMO Tier II emissions compliance
• Packages that are easy to install and operate

C280 generator sets incorporate years of proven success of the 3600 engine with the latest technology in electronics. The result is a fully integrated solution that is ideal for offshore operations.

DRIVING DOWN TOTAL COST OF OWNERSHIP
• Fuel consumption optimized for drilling operation load profile
• Extended overhaul life
• Ease of installation

CUSTOMER FEEDBACK FROM EXTENSIVE FIELD TESTING INDICATES THAT THE C280 GENERATOR SET HAS VIRTUALLY ELIMINATED TRANSIENT SMOKE AND REDUCED STEADY STATE SMOKE.

COMMITTED TO SAFETY
• Equipped with redundant ADEM™ A4 ECUs and the Cat® Alarm and Protection System
• Control system implements engine alarms, derate, and shutdown in the event of abnormal operation

FULLY INTEGRATED SOLUTIONS
• Designed, assembled, tested, and certified by Caterpillar for single-source support
• Auxiliary systems integrated into the package for simplified installation and commissioning
• Full range of attachments available for factory installation to increase application flexibility
• Custom solutions based on specific project requirements
IMPROVING OPERATIONAL EFFICIENCY
• Cat Alarm and Protection System features simple operator interface and troubleshooting
  – Plain text fault codes
  – Eleven user selectable languages
  – Industry-standard communications protocol
• Optional remote monitoring panels

EASE OF INSTALLATION
• Front-mounted turbocharger configuration simplifies rig integration
• Packaged generator sets include factory-installed attachments
• Few shipped-loose parts
• Single point AC connections for all engine systems and factory-installed attachments

UNMATCHED SUPPORT
• Extensive parts and service availability through our worldwide dealer network
• Thousands of trained technicians available worldwide for maintenance, repair, and troubleshooting
• Globally supported Caterpillar warranty
• High availability of Cat parts in all key drilling regions

C280 OFFSHORE GENERATOR SETS

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*MCR ratings available in front-mounted or rear-mounted turbocharger configurations
MCR – Maximum Continuous Rating

THE C280 GENERATOR SET RUNS SMOOTHLY AND QUIETLY AND, IN SOME APPLICATIONS, CAN LOWER PARTIAL LOAD FUEL CONSUMPTION AS MUCH AS ONE TO TWO PERCENT.
Your Operation; Our Commitment

Your satisfaction and success determine our reputation. So we start by using your input with our experience to design solutions specifically for your business. Then, responsive experts at more than 2,200 Cat dealer outlets worldwide are standing by to keep your engines performing to their potential. We’re out there with you for whatever you need, whenever you need us.

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Learn more about Cat petroleum generator sets.
Call your Cat dealer or visit www.catoilandgasinfo.com today.