

# C280

Cat<sup>®</sup> Generator Sets for Offshore Applications



## PRODUCT FOCUS: YOUR OPERATION



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

### **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

### **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

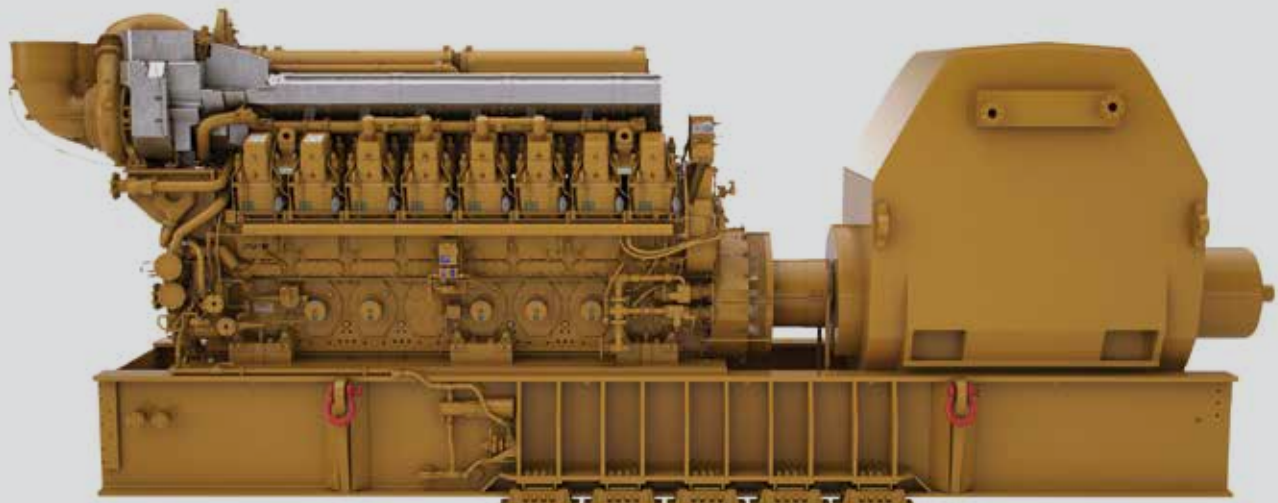
## C280 OFFSHORE GENERATOR SETS

Model	MCR		Continuous	
	ekW	kVA	ekW	kVA
900 rpm/60 Hz				
C280-6	1820	2600	1661	2076
C280-8	2420	3457	2208	2760
C280-12	3640	5200	3322	4153
C280-16*	4840	6914	4416	5520
C280-16*	5375	7679	–	–
C280-16*	5500	7857	–	–
1000 rpm/50 Hz				
C280-6	1940	2771	1776	2220
C280-8	2600	3714	2362	2953
C280-12	3900	5571	3552	4440
C280-16	5200	7429	4723	5904

\*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](http://www.catoilandgasinfo.com) today.**

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