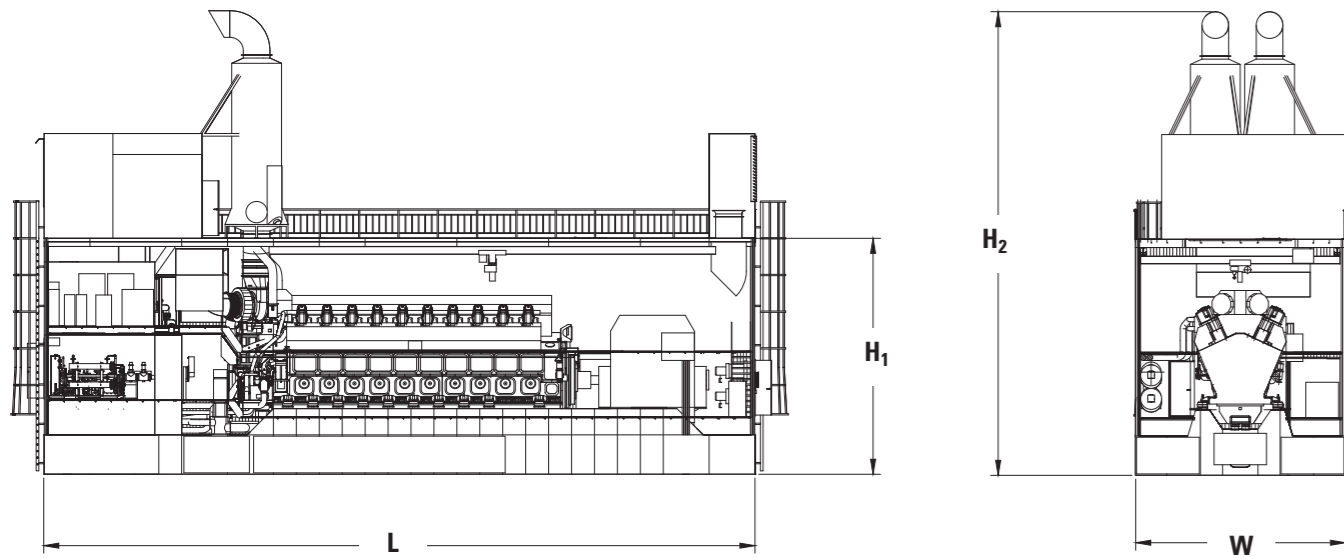


Technical Data: Power Module Output, Dimensions and Weights



Module Output

Engine Model	Output (kWe)	Length (m)	Width (m)	Height 1 (m)	Height 2 (m)	Weight (t)
20CM46DF	17,280	27.0	8.0	9.0	18.0	600
16CM46DF	13,970	25.0	8.0	9.0	18.0	530
12CM46DF	10,480	23.0	8.0	9.0	18.0	460
16CM43C	15,520	25.0	8.0	9.0	18.0	490
12CM43C	11,640	23.0	8.0	9.0	18.0	420
16CM32C	8,691	16.0	6.0	9.0	17.0	295
12CM32C	6,518	14.0	6.0	9.0	16.5	270
9CM34DF	4,379	15.0	6.0	9.0	16.5	240
8CM34DF	3,880	15.0	6.0	9.0	16.5	234
6CM34DF	3,000	14.0	6.0	9.0	16.5	215
9CM32C	4,864	15.0	6.0	9.0	16.5	240
8CM32C	4,323	15.0	6.0	9.0	16.5	234
6CM32C	3,242	14.0	6.0	9.0	16.5	215
C280-16	5,500	14.0	5.0	9.0	16.5	230
C280-12	4,000	14.0	5.0	9.0	16.0	230

All weights and dimensions are approximate value and subject to project specifics
All weights are dry mass



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Offshore Power Generation Module

The Offshore Power Generation Module is available for a broad power range utilising liquid and dual fuel products.



Your Turnkey-Solution: Offshore Power Generation Module

Caterpillar is a market leader in offering power generation solutions to meet the demanding nature of the oil and gas business. The Offshore Power Generation Module is the latest solution designed specifically for use in the Oil and Gas Offshore industry.

With a durable and cost effective design the power module allows for greater fuel flexibility by burning a variety of fuels from either the wellhead or onboard process plant, whilst at the same time meeting stringent offshore environmental and safety quality standards.

Your Environment

You operate in an environment where downtime is not an option, equipment and systems must perform. Your operations necessitate and require the highest levels of efficiency and reliability.

Your Challenge

Remote offshore locations make traditional electrical power supply solutions challenging to implement. You need a system that can provide a reliable, durable low cost source of power.

Your Solution

Caterpillar!!!
With the Power Generation Module we provide the technology and systems to meet your operational standards, we not only meet but in many instances exceed expectations with high performance and low cost operation.

We have a proven ability to support through our unrivalled Dealer network anywhere, anytime, under any conditions.

An Integrated Solution

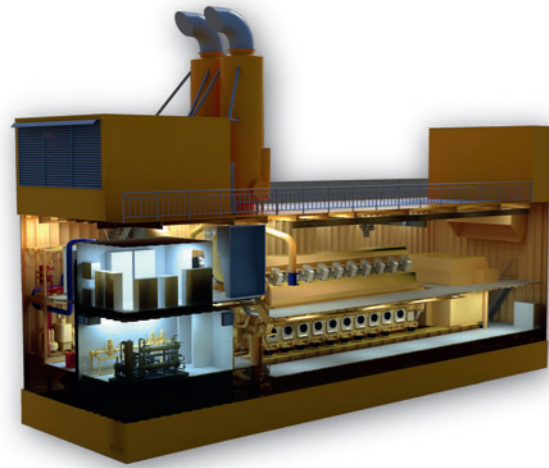
Responding to our customers needs is at the forefront of our business. The superior engineering and design of the module, comes from years of experience supporting our customers in the offshore industry. Caterpillar can provide a comprehensive solution with its Offshore Power Generation Module that combines and optimizes efficiency and reliability with environmental performance. The power module is equipped with remote monitoring to enable it to be managed from the vessels main control room or an onshore location. Our offshore oil and gas team work closely with the vessel's designer to ensure all interface and connection points are easily accessible.

Operational Advantages and Application Flexibility

Our Offshore Power Generation Module system is designed with simplicity in mind and with a view to your future requirements. It is easily expanded to provide power for future upgrades. The Offshore Power Generation Module is a fully self contained unit which provides a single lift capability. The module is designed to run on liquid, diesel, crude and heavy fuel oil, gas or in dual fuel mode and meets the current stringent and future emission regulations. It is fully tested and certified to be easily integrated in the vessel systems.

Flexible Manufacturing

The integrated design with flexible manufacturing enables the offshore Power Generation module to be assembled anywhere in the world. This gives you the added advantage of meeting any local content regulations and on time delivery for your project requirements. With more than 220 dealers in 200 countries, the Caterpillar organisation offers the most integrated service network in the world, anywhere, anytime.



Design Features

- 1 Lube Oil/Cooling Water Module
- 2 MDO Tank
- 3 Electrical Equipment Room
- 4 Exhaust Silencers
- 5 Fuel Feeder/Booster Module
- 6 Crude Oil Tank
- 7 Ventilation Out
- 8 Combustion Air Inlet
- 9 Water Mist Fire Extinguishing System
- 10 Service Crane
- 11 Ventilation In

