

SPECIFICATIONS



96 MW 2016 New Caterpillar C280-16 Diesel Generator Sets

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Description

These 2016 diesel generator sets deliver 96 megawatts of reliable prime and standby power through advanced 16-cylinder engine technology. Designed for large-scale industrial operations, data centers, mining facilities, and utility-grade applications, these units provide robust power generation with proven mechanical reliability and fuel efficiency. Each generator set features heavy-duty construction with marine-grade components, offering extended service intervals and reduced maintenance costs over the equipment lifecycle. The modular design enables scalable power solutions for facilities requiring multi-megawatt capacity with redundancy and load-sharing capabilities.

Engineered for continuous operation in demanding environments, these generator sets incorporate advanced control systems with remote monitoring capabilities, automatic load management, and seamless integration with existing power infrastructure. The low-hour 2016 vintage ensures maximum remaining useful life while meeting stringent emissions standards for industrial power generation. Ideal for backup power systems, peak shaving applications, renewable energy integration, and off-grid operations where uninterrupted power delivery is essential for operational continuity and safety compliance.

KEY FEATURES:

- 96 MW total power output for large-scale industrial and commercial applications
- Advanced digital control systems with SCADA integration and remote monitoring capabilities
- Modular scalability supporting parallel operation and load distribution

ADVANTAGES

- Proven reliability for mission-critical power generation requirement
- Lower total cost of ownership through extended maintenance intervals
- Rapid deployment capability minimizing installation time and costs

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Manufacturer	Caterpillar
Model	C280-16
Year	2016
Condition	New
Location	South America
Qty Available	20 Units
Category	Diesel Generators
Subcategory	10 – 99 MW
Stock Number	USP010435
Wattage	96 MW (4.8 MW ea)
Hours	Zero
Frequency	60 Hz
Fuel Type	Diesel
Voltage	6300 Volts
Balance of Plant Available? (BOP)	-

Quick Access:

Products Categories: [USP&E | Owners Engineering, EPC and O&M Inventory by Category](#)

Product Subcategories: [Diesel Generators - 10 - 99 MW for sale at USP&E | Owners Engineering, EPC and O&M](#)

Industries: [Independent Power Producer Solutions](#)

Project Experience: [Power Plant Project Experience](#)

Asset Photos

