

SPECIFICATIONS



1.2 MW 2021 New Caterpillar
3512C Diesel Generator Set

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Description

This 1.2 MW (1,200 kW) diesel generator set represents a top-tier industrial power generation solution, purpose-built for mission-critical applications requiring uninterrupted, high-capacity electricity. Powered by a 12-cylinder, four-stroke turbocharged diesel engine displacing approximately 51.8 liters, the unit delivers reliable standby and prime power output across a broad range of commercial, industrial, and utility-scale environments. With a 2021 manufacture date, this generator set benefits from modern emissions engineering and advanced electronic control systems that align with current regulatory frameworks.

Rated at 1,200 kW / 1,500 kVA at 0.8 power factor, the unit operates at 60 Hz / 1,800 RPM (or 50 Hz / 1,500 RPM configurations). Output voltage is typically configurable between 480V and 13,800V through integrated transformer options. Fuel consumption at full load runs approximately 75–80 gallons per hour, with a generous sub-base fuel tank capacity available for extended runtime.

KEY FEATURES:

- Heavy-duty 12-cylinder turbocharged and aftercooled diesel engine
- Brushless, single-bearing alternator with class H insulation
- Tier 2 / Tier 4 emissions compliance options
- Integrated digital control panel with remote monitoring capability

ADVANTAGES

- Exceptional load-handling capacity for data centers, hospitals, manufacturing, and oil & gas
- Scalable paralleling capability for redundant power architectures
- Low total cost of ownership with extended service intervals

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Manufacturer	Caterpillar
Model	3512C
Year	2021
Condition	New
Location	Europe
Qty Available	1 Unit
Category	Diesel Generators
Subcategory	1 – 9 MW
Stock Number	USP010442
Wattage	1.2 MW
Hours	Zero
Frequency	60 Hz
Fuel Type	Diesel
Voltage	600 Volts
Balance of Plant Available? (BOP)	-

Quick Access:

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

Product subcategories: Diesel Generators - 1 - 9 MW for sale at [USP&E | Owners Engineering, EPC and O&M](#)

Services: [Power Plant Owners Engineering | Owners Engineering Services](#)

Solutions: [Biomass Energy Solutions | Biomass EPC | Biomass Power](#)

Asset Photos

