



DMC 8000 PowerCommand® Integrated Power System Digital Controls



Usability

Cummins has taken the complexity out of your system with the DMC 8000 control platform—making it easier to use, integrate and adapt to your varying power needs. The DMC 8000 comes with the performance and strength of a robust system backed by an established company, providing one competent circle of support. From the specification process and installation to the operation and future expansion or modification of the system, this integration ensures you work with one knowledgeable team of dedicated engineers, technicians and service representatives.



UNIQUE FEATURES & BENEFITS:

- Customizable touch-screen settings for easier, quicker and more secure user navigation
- Built-in help screens for further user assistance
- Remote access and monitoring available for greater security and control via multiple monitoring platforms
- 90 days of data logging for easier access to historic performance summaries and maintenance report logs
- Service access door with external programming ports and a highly visible indication light for greater uptime, serviceability and operator safety
- Time and date stamped alarms – history recording up to 365 days
- Customized system for gathering historic trends using up to 8 readings to be piloted
- Personalized reports allowing users to set the sampling rate of the data captured
- Email/USB/Print functionality for all the alarms, trends and reports
- Four access levels for maximized security:
 - A. Guest
 - B. Operator
 - C. Technician
 - D. Manager



Scalability and customization

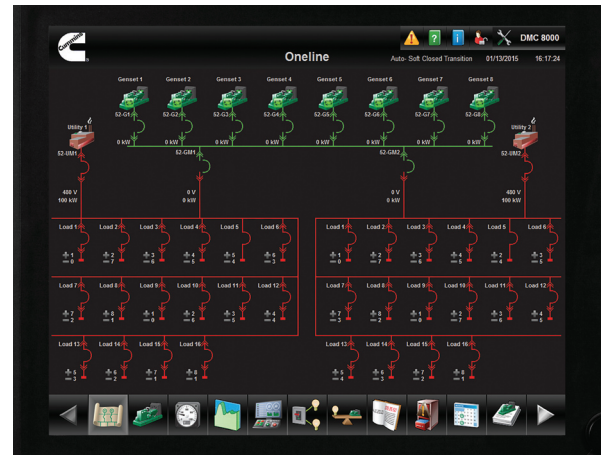
Cummins products are backed by our legacy of reliable performance, design innovations and industry-leading global support network. As a single-source supplier, we take the complexity out of your system and give you the peace of mind that you're operating on a proven system architecture. Our products are also designed to provide the flexibility needed to meet local regulations and the unique demands of your market as well as your specific power requirements.

The DMC 8000 is easy to expand and modify to the configuration of the system by way of its load demand control sequences, which can be tailored at the operator interface. In addition, the system design allows for in-field modifications as your site needs change over time. Because of our decades of experience in dozens of regions across the globe, we have the field-tested and proven building blocks and system architecture library necessary to build a custom yet reliable system.

Security and redundancy

SYSTEM SECURITY AND FAIL-SAFE PERFORMANCE ARE PARAMOUNT

As part of Cummins culture of dependability, we performed extensive prototype testing and built a rigorous, failure-mode response into the DMC 8000 to provide best-in-class performance reliability and system uptime in potentially disruptive scenarios. The DMC 8000 also includes a UPS-based power supply system for controller power during utility outages, which not only reduces battery maintenance challenges but also increases ride-through performance and uptime.



FUNCTIONALITY:

- System security and fail-safe performance are paramount
- UPS-based power supply system for greater power control during utility outages
- Distributed logic design usage based on ring Ethernet, which is the fastest industrial communication protocol at 100 Mbps
- DMC 8000's remote access and monitoring, all performed over a secure web browser for secure connectivity
- Email and text notifications provided for quicker maintenance response times and real-time performance updates
- Standalone and dual-redundant hot-standby PLC options available
- BMS/DCS interface option using Modbus TCP/IP protocol, Modbus serial or BACnet protocols available
- Calculated IPS4 enclosure
- Standard 15" HMI, 19" HMI panel options available
- 3D graphics available for the HMI panel
- Fiber optics communications support

Reliability and flexibility for a world that's always on

No matter what your power system needs are, you need to know your solution has both the reliability of a proven system architecture and the flexibility and adaptability to meet your market's unique application needs, including areas of distributed generation, renewable energy, microgrids, data centers, healthcare or water treatment. That's where the DMC 8000 PowerCommand's ease of operation, scalability and security/redundancy deliver.

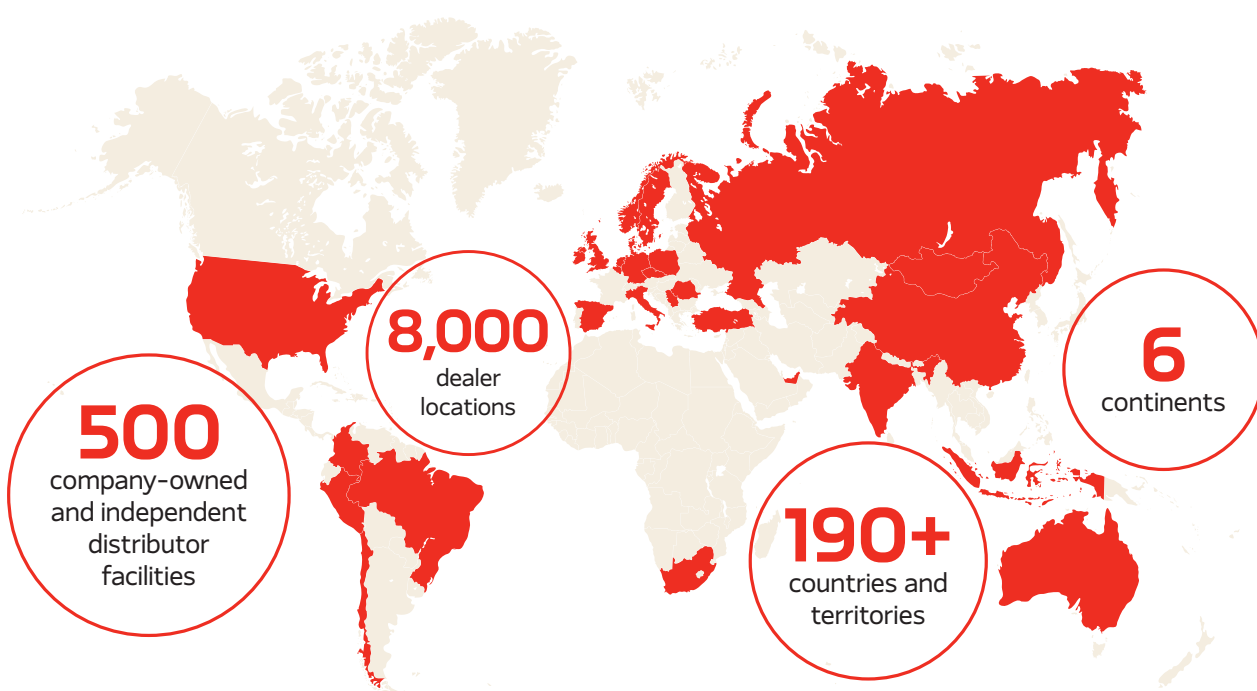
The DMC 8000's single-system design means all of its elements work together harmoniously and seamlessly, providing the highest degree of design and performance control. For engineers, this means one point of contact and superior support for every component of the system. For end users, this means flexibility to meet your market's unique needs and scalability as those needs grow.



World-class service and support network

OVER 8,000 DISTRIBUTOR AND DEALER LOCATIONS IN MORE THAN 190 COUNTRIES

No matter where you are, your local Cummins distributor or dealer is your first line of support for everything from application assistance and on-site commissioning to troubleshooting, maintenance and aftermarket services.



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