



PowerCommand®

Digital Master Controls





Your access to total power system control

With smart, scalable and user-friendly Digital Master Control technology, Cummins has taken the complexity out of power system control and replaced it with a suite of stable, reliable and flexible products.

As part of Cummins promise of delivering dependable power for over 100 years, we performed extensive prototype testing and

built a suite of rigorous, failure-mode response Digital Master Controllers (DMCs) to provide best-in-class performance reliability and system uptime in any potentially disruptive scenario. No matter your criteria, we partner with you to find the best system-level control to suit your system design complexity with a wide range of system control configurations.

Meeting essential needs with intense engineering

DMC2000, DMC6000 and DMC8000

From the specification process and installation to the operation and future expansion or modification of the system, Cummins ensures industry-leading technology, giving you the confidence needed for total power system control. Below is a list of highlighted features for the suite of Cummins Digital Master Controls.

BUILT-IN TOUCH SCREENS

- HMI panels in sizes 7", 15" and 19"
- High-resolution animated graphics
- Real-time trending data
- Date- and time-stamped alarms

ON-SITE ACCESS

- Service access with external programming ports
- Highly visible indication light for greater uptime, serviceability and operator safety
- Four levels of access for maximised security: Technician, Manager, Operator & Guest

REMOTE ACCESS

- Backed by fail-safe cybersecurity
- Distributed logic design usage based on ring Ethernet – the fastest industrial communication protocol at 100 Mbps*
- Email and text notifications for faster maintenance response times and real-time performance updates*

REPORTING

- Personalised reporting means you choose the sampling rate of the data captured*
- Data logging for access to historic performance summaries and maintenance report logs*
- Email/USB/Print functionality for all the alarms, trends and reports*



*Available in DMC6000 and DMC8000

Beyond reliability

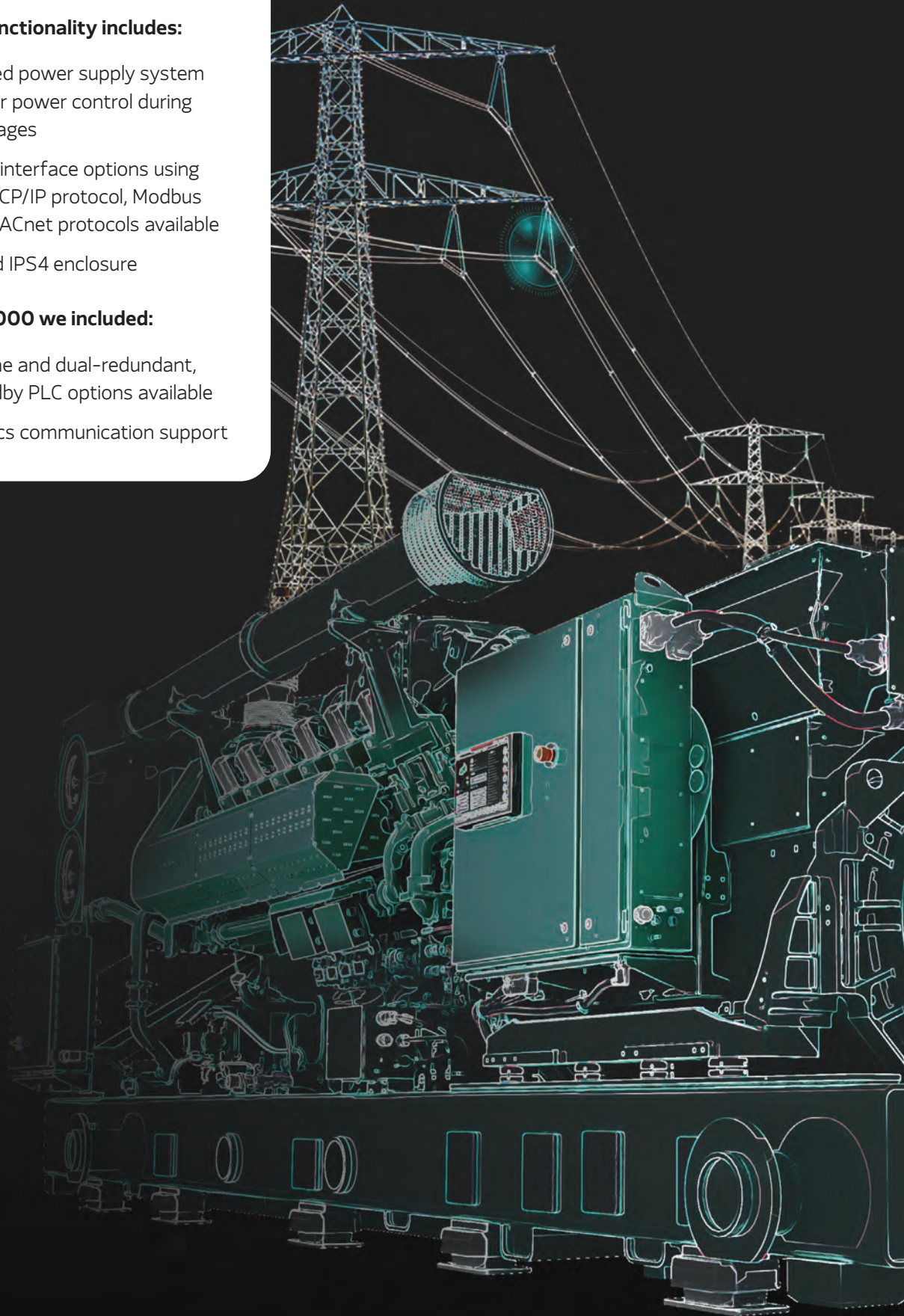
SYSTEM SECURITY AND FAIL-SAFE PERFORMANCE ARE PARAMOUNT

Additional functionality includes:

- UPS-based power supply system for greater power control during utility outages
- BPS/DCS interface options using Modbus TCP/IP protocol, Modbus serial or BACnet protocols available
- Calculated IPS4 enclosure

In the DMC8000 we included:

- Standalone and dual-redundant, hot-standby PLC options available
- Fibre optics communication support



DMC TECHNICAL SPECIFICATIONS

Model	Product application	System voltage	Coloured touch-screen user interface	Generators supported	Loads supported	Utilities supported	Multiple system configuration topologies	Communication protocol
DMC2000	Simple Power System	LV & MV	7"	Up to 8	Up to 10	Up to 1	Limited	Modbus TCP/IP (Standard)
DMC6000	Power System with Reporting	LV & MV	15"	Up to 16	Up to 16	Up to 2	Limited	Modbus TCP/IP (Standard) BACnet (Option)
DMC8000	Complex Power System	LV & MV	19" / Custom	Unlimited	Unlimited	Unlimited	Yes	Modbus TCP/IP (Standard) BACnet (Option)

All units meet the following codes and standards: UL891, IEC 61439-2, CSA 22.2, Seismic and CE Marked.





A dedicated factory representative keeps you up and running

All Cummins service and support resources are managed through a single point of contact: your factory-direct account manager. Assigned specifically to you, your account manager gives you a direct line to the factory with no middlemen, ensuring rapid response from the entire service system.

Your knowledgeable, single-source contact is dedicated to saving you time and hassles while ensuring fast, reliable service every time.

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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