



# 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

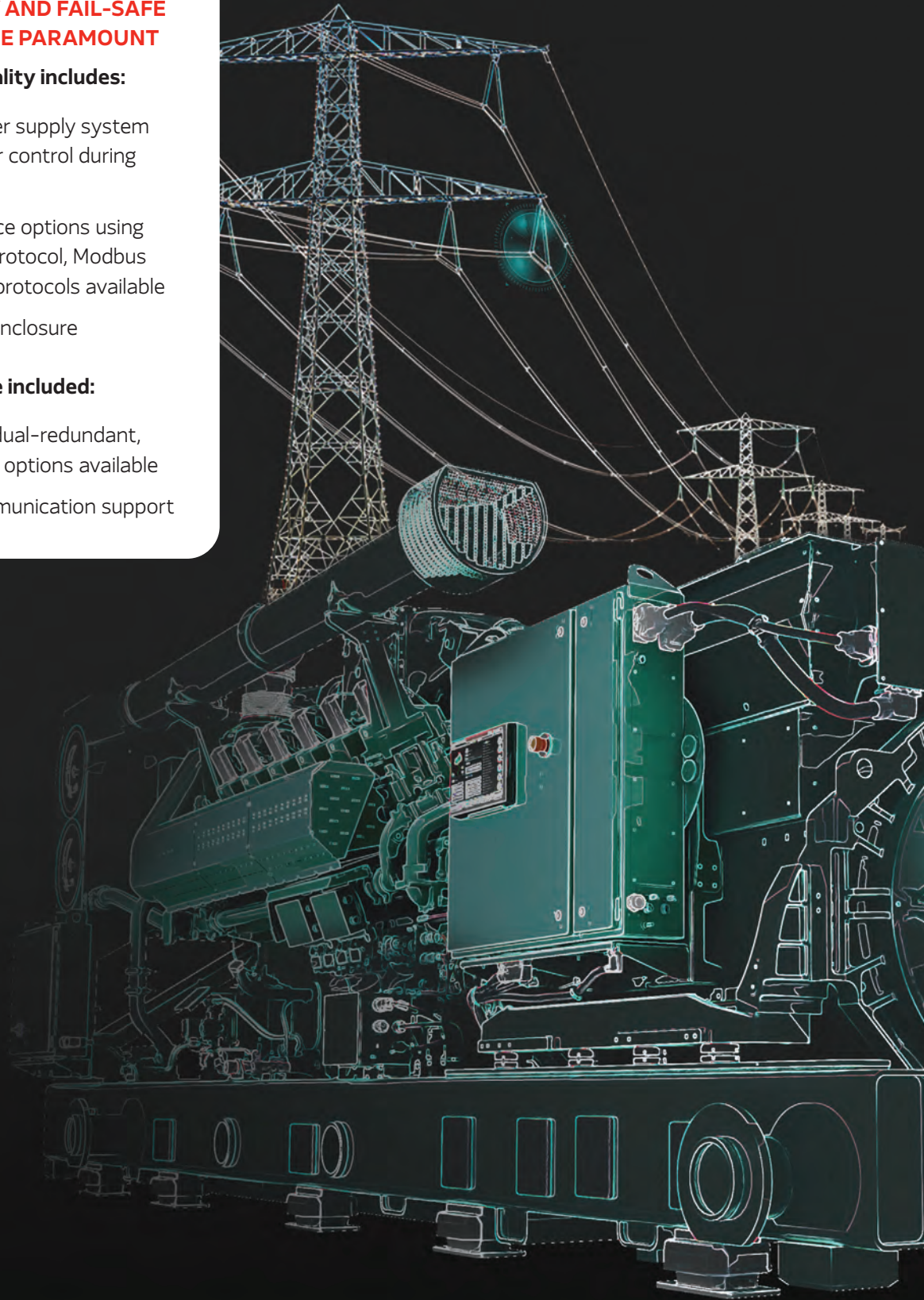
## SYSTEM SECURITY AND FAIL-SAFE PERFORMANCE ARE PARAMOUNT

### 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:

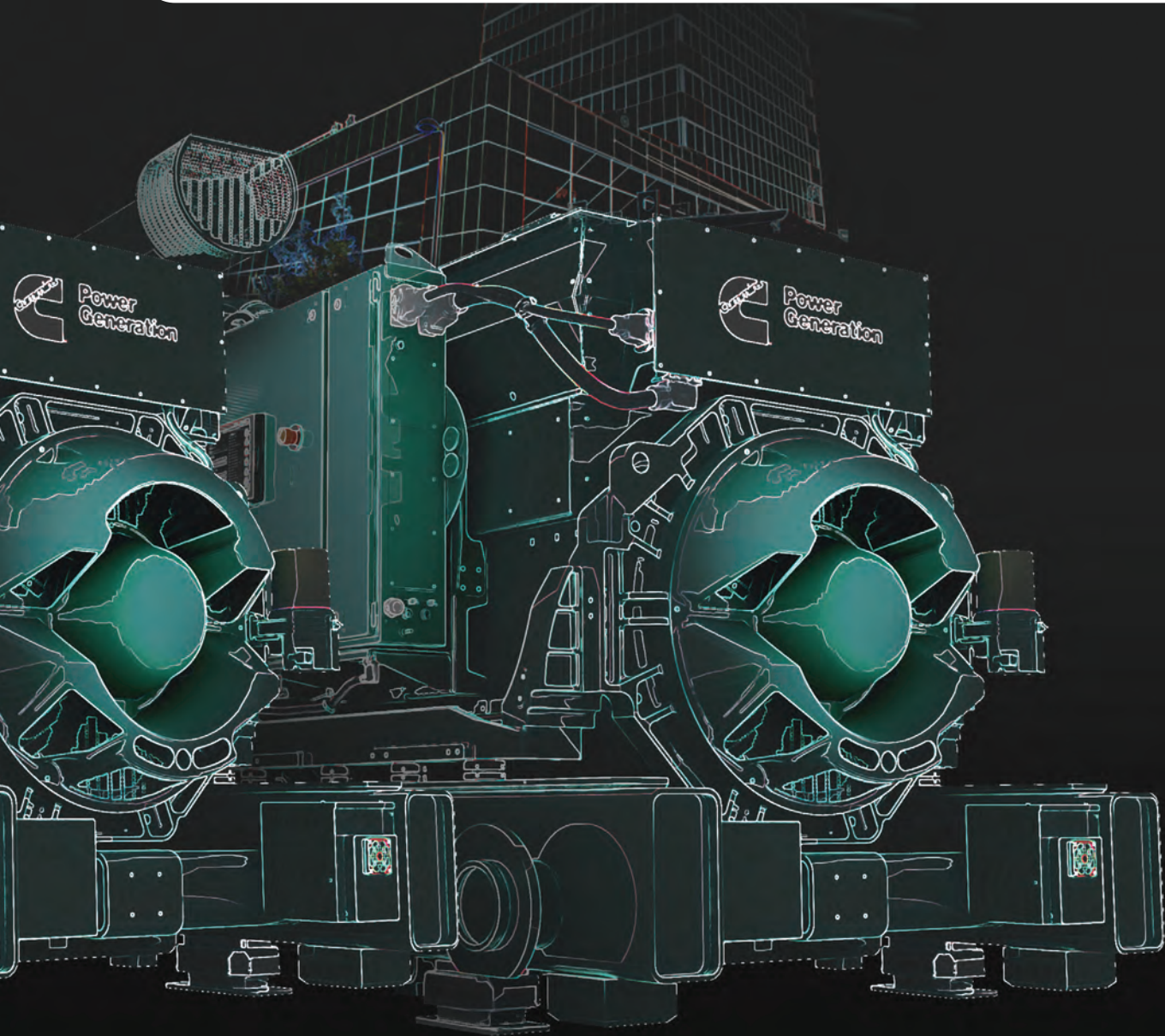
- Standalone and dual-redundant, hot-standby PLC options available
- Fibre optics communication support



## 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
<b>DMC2000</b>	Simple Power System	LV & MV	7"	Up to 8	Up to 10	Up to 1	Limited	Modbus TCP/IP (Standard)
<b>DMC6000</b>	Power System with Reporting	LV & MV	15"	Up to 16	Up to 16	Up to 2	Limited	Modbus TCP/IP (Standard) BACnet (Option)
<b>DMC8000</b>	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**

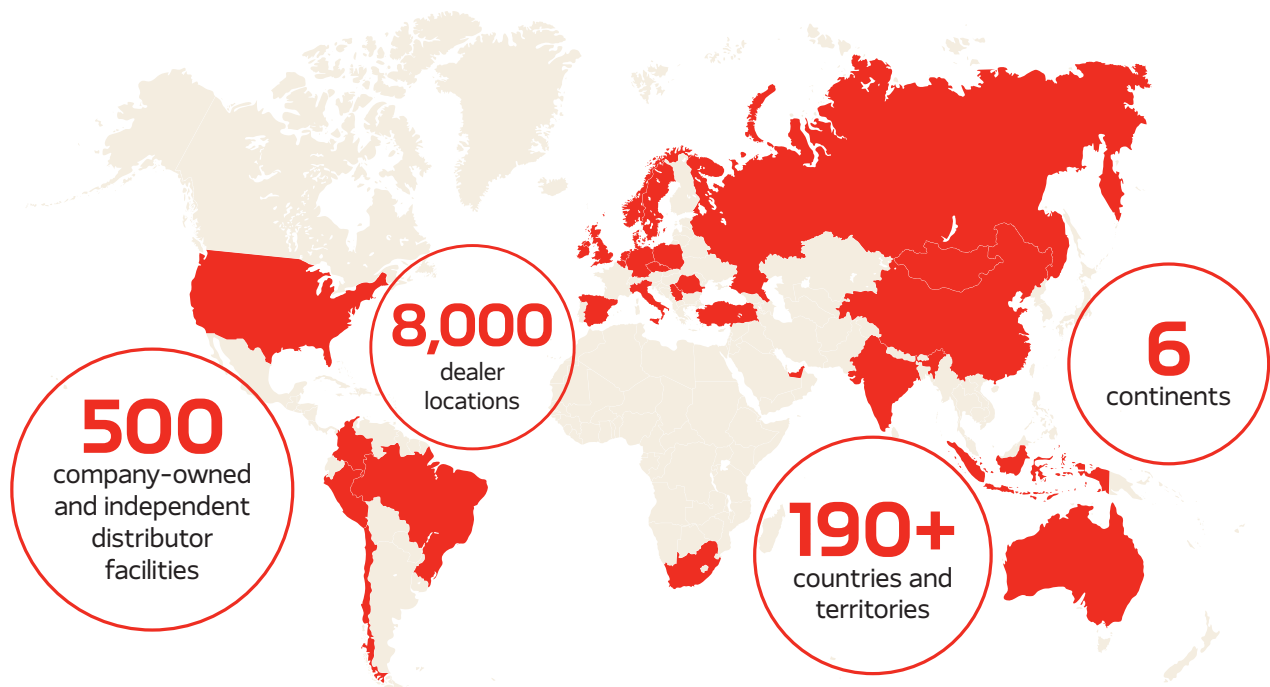
All Cummins service and support resources are managed through a single point of contact: your factory-direct account manager. Assigned specifically to you, your account manager gives you a direct line to the factory with no middlemen, ensuring rapid response from the entire service system.

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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