

# CUMMINS POWER GENERATION

## RELIABLE POWER FOR YOUR DATA CENTRE

Trust Cummins, your OEM aftersales support provider to keep your data centre always on.

CUMMINS SINGAPORE  
Ph 1800 262 3550  
[cspl.service@cummins.com](mailto:cspl.service@cummins.com)



**FOR  
A WORLD  
THAT'S  
ALWAYS ON™**

# PARTNERING WITH YOU TO KEEP YOUR DATA CENTRE ALWAYS ON

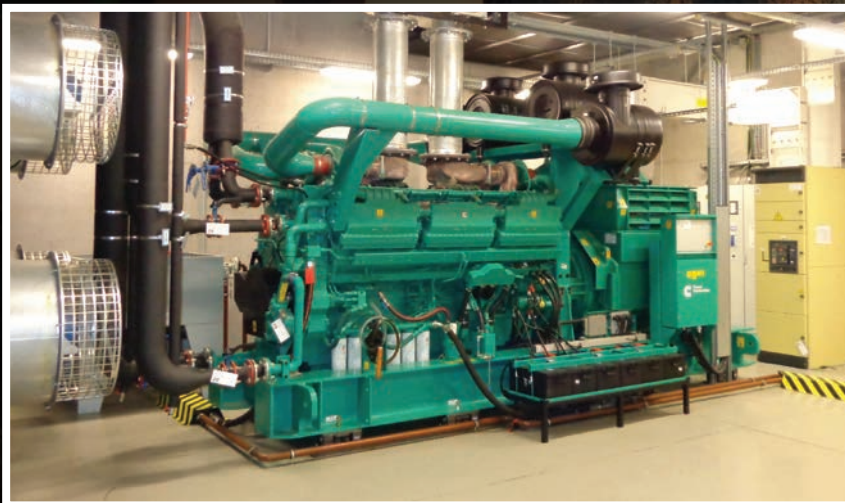
Data centre operation is mission critical to business. Whether as the backbone of a hyperscale cloud provider, large colocation network, or support for essential information for enterprise, a reliable power solution from a dependable partner is vital.

Our comprehensive service solutions are designed to deliver fast and accurate maintenance information, reliable solutions, and fast repairs - minimising potentially costly downtime.

With our knowledge and experience in serving data centre customers globally, and in every sub-segment, we are that partner. Cummins is an industry leader in power generation, executing a wide variety of data centre projects. We have more than a century of experience providing power solutions from 15kVA to 3750kVA across many applications.

## TRUST IN OUR EXPERTISE

You can trust in our brand, high standards and scale of operation to deliver you quality, reliable energy solutions and to take accountability for the complete power system. Our unmatched global network offers industry-leading expertise from concept design to in-service support.



# TRUST IN THE ONLY AUTHORISED CUMMINS DISTRIBUTOR

## Custom Maintenance Packages

We take the time to understand your unique energy needs and provide innovative, reliable power solutions that cater to your individual specifications and give you peace of mind. Our comprehensive planned maintenance packages are tailored to cover all makes and models of power generation, and meet all regulatory requirements and assure maximum reliability.

## Quality Products

Our world class manufacturing facilities allow us to deliver the quality products and services that data centres need. We have pioneered technologies that continue to set the standard for quality and reliability globally. All our products are backed by a comprehensive 2-year standard warranty.

## Exceptional Customer Support

All power generation services are performed by factory-trained and certified Cummins Power Generation service technicians who are qualified to test the power generation unit while it is running, an essential part of any scheduled maintenance.

## Experts in Your Field

We have a robust track record from years of executing hundreds of data centre projects around the world and enjoy a global reputation for excellence.

## Proactive

Our global distribution network implements proactive measures to minimise unplanned downtime and any associated risks to your data centre.

## Responsive

Our dedicated service teams are committed to keeping your business powered by providing support no matter where your data centre is.

\*Please speak to our Cummins sales team for more information.

## Rely on Cummins for:

- ✓ 24-7 tailored support with ongoing communication
- ✓ The only Cummins guaranteed service solution
- ✓ 12-months parts warranty
- ✓ 6-months workmanship guarantee
- ✓ Best in class emergency response times
- ✓ Parts availability and local stocking support\*
- ✓ Access to full channel Root Cause Analysis (RCA) support
- ✓ Cummins world class technical support
- ✓ Safe system of work for repairs and maintenance
- ✓ Proprietary software support to communicate with the engine and control panel



# SERVICE SOLUTIONS OPTIONS

## QUARTERLY SERVICE

### ENGINE

- ✓ Check air filter
- ✓ Check additive level coolant
- ✓ Check and top up battery electrolyte
- ✓ Check engine oil level
- ✓ Clean and check tension of battery terminals
- ✓ Check all accessible nuts, bolts and hose clamps
- ✓ Check engine mounts and tighten
- ✓ Check fan belts and adjust
- ✓ Check heat exchanger coolant
- ✓ Check equipment for leaks: exhaust, oil, coolant, fuel, air system intake
- ✓ Visually inspect all components for mechanical damage or malfunction
- ✓ Clean out dust from control boards
- ✓ Check operation of battery charger and adjust if necessary
- ✓ Check display panel lamps
- ✓ Visually check earth system

### FUEL TANK

- ✓ Check for water
- ✓ Report rust problems
- ✓ Check fuel tank levels and record

### GENERATOR CONTROLLER

- ✓ Visually check wiring for fatigue wear and abrasions
- ✓ Visually check earth system

### GENERATOR OPERATIONAL TEST

- ✓ Start generator and visually inspect for leaks
- ✓ Record oil pressure, water temperature and gauges on the genset
- ✓ Check indicating lamps
- ✓ Clean down plant, fill in logbook, fix date and signature
- ✓ Ensure controller in remote mode prior to leaving site
- ✓ Fill in report and notify of any problems before leaving the site
- ✓ Record equipment run hours

## ADDITIONAL SERVICES

Cummins can also offer the following services for your power generation equipment:

- ✓ Load bank testing
- ✓ Building load test
- ✓ Genset controller upgrade

- Service pricing excludes any additional labour or parts that may be required to complete a repair – these will be quoted separately prior to proceeding with the repair.
- Some capped price service options may not be available at some remote locations and may be quoted at the local labour rate.
- Speak to your Cummins branch or participating dealer for full details.

# SERVICE SOLUTIONS OPTIONS

## BIANNUAL SERVICE

- ✓ Oil analysis (A+ service)
- ✓ Fuel analysis (A+ service)

### ENGINE

- ✓ Check air filter
- ✓ Check additive level coolant
- ✓ Check and top up battery electrolyte
- ✓ Check engine oil level
- ✓ Clean and check tension of battery terminals
- ✓ Check all accessible nuts, bolts and hose clamps
- ✓ Check engine mounts and tighten
- ✓ Check fan belts and adjust
- ✓ Check heat exchanger coolant
- ✓ Check equipment for leaks: exhaust, oil, coolant, fuel, air system intake
- ✓ Visually inspect all components for mechanical damage or malfunction
- ✓ Clean out dust from control boards
- ✓ Check operation of battery charger and adjust if necessary
- ✓ Check display panel lamps
- ✓ Visually check earth system

### FUEL TANK

- ✓ Check for water
- ✓ Report rust problems
- ✓ Check fuel tank levels and record

### GENERATOR CONTROLLER

- ✓ Visually check wiring for fatigue wear and abrasions
- ✓ Visually check earth system

### GENERATOR OPERATIONAL TEST

- ✓ Start generator and visually inspect for leaks
- ✓ Record oil pressure, water temperature and gauges on the genset
- ✓ Check indicating lamps
- ✓ Clean down plant, fill in logbook, fix date and signature
- ✓ Ensure controller in remote mode prior to leaving site
- ✓ Fill in report and notify of any problems before leaving the site
- ✓ Record equipment run hours

## ADDITIONAL SERVICES

Cummins can also offer the following services for your power generation equipment:

- ✓ Load bank testing
- ✓ Building load test
- ✓ Genset controller upgrade

- Service pricing excludes any additional labour or parts that may be required to complete a repair – these will be quoted separately prior to proceeding with the repair.
- Some capped price service options may not be available at some remote locations and may be quoted at the local labour rate.
- Speak to your Cummins branch or participating dealer for full details.

# SERVICE SOLUTIONS OPTIONS

## ANNUAL SERVICE

### ENGINE

- ✓ Change lubrication oil
- ✓ Change lubrication oil filter
- ✓ Change fuel filter
- ✓ Check additive level coolant
- ✓ Check and top up battery electrolyte
- ✓ Clean and check tension of battery terminals
- ✓ Check all accessible nuts, bolts and hose clamps
- ✓ Check engine mounts and tighten
- ✓ Check fan belts and adjust
- ✓ Check engine block heater (if fitted)
- ✓ Check exhaust system mounting and condition
- ✓ Check operation of auxiliary pumps
- ✓ Visually inspect all components for mechanical damage or malfunction
- ✓ Check operation of battery charger and adjust if necessary
- ✓ Check display panel lamps for correct operation, replace globes if required

### FUEL TANK

- ✓ Check for water
- ✓ Report rust problems
- ✓ Check fuel tank levels and record

### GENERATOR CONTROLLER

- ✓ Visually check wiring for fatigue wear and abrasions
- ✓ Visually check earth system

### GENERATOR OPERATIONAL TEST

- ✓ Start generator and visually inspect for leaks
- ✓ Record oil pressure, water temperature and gauges on the genset
- ✓ Check indicating lamps
- ✓ Clean down plant, fill in logbook, fix date and signature
- ✓ Ensure controller in remote mode prior to leaving site
- ✓ Fill in report and notify of any problems before leaving the site
- ✓ Record equipment run hours

## ADDITIONAL SERVICES

Cummins can also offer the following services for your power generation equipment:

- ✓ Load bank testing
- ✓ Building load test
- ✓ Genset controller upgrade

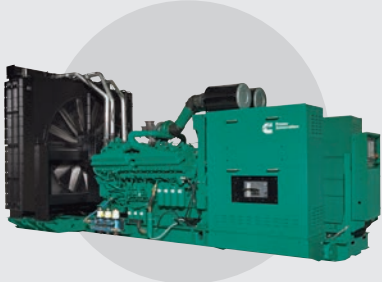
- Service pricing excludes any additional labour or parts that may be required to complete a repair – these will be quoted separately prior to proceeding with the repair.
- Some capped price service options may not be available at some remote locations and may be quoted at the local labour rate.
- Speak to your Cummins branch or participating dealer for full details.

# CUMMINS IS YOUR OEM AFTERSALES SUPPORT PROVIDER

You can depend on Cummins to provide world class expert advice, service and support for all your standby and data centre generator servicing needs. As your OEM after-sales support provider, we can cover support for your generator from front to back with switchboard and controller included. We can also set up remote monitoring for equipment analysis depending on your service needs.

## High-horsepower Generator Set

Rugged, fuel-efficient engines, high-performance alternators and on-board digital control systems comprise the most trusted and reliable generator sets in the world. Sophisticated emission control technologies and tailored data centre load ratings are two of our most important data centre innovations. Our Data Centre Continuous Ratings (DCC) meet the Uptime Institute Tier III and Tier IV requirements making site certification seamless for our customers.



## Power Distribution

PowerCommand® paralleling systems integrate paralleling controls on generator sets, low or medium voltage power sections, automatic transfer switches, and a digital master control (DMC) for supervisory functions. A distributed logic concept is critical for meeting data centre redundancy requirements; ensuring generators continue to function under multiple-failure response modes.



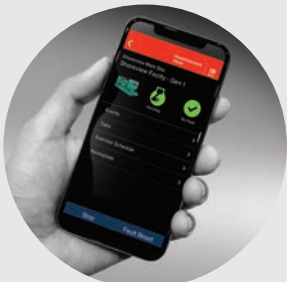
## Digital Controls Technology

PowerCommand® microprocessor-based controls comprise the industry's best singlesource solution, capable of integrating generator sets, automatic transfer switches and paralleling systems into a complete system. Modular systems are easily configured to meet data centre requirements, including paralleling, non-paralleling and basic control scenarios.



## Remote monitoring and control\*

PowerCommand Cloud™ is a fully integrated cloud-based system that ensures uptime through 24/7 monitoring. Accessed via your work station, tablet or smart phone via a user friendly interface, PowerCommand Cloud™ allows you to check your system status, identify faults and access critical notifications, reducing your operation and maintenance costs.



\*Subject to availability. Please speak to our Cummins sales team for more information.



# FIND SERVICE AND REPAIR LOCATIONS NEAR YOU

## Cummins Sales & Service Singapore Pte Ltd

85 Tuas South Avenue 1  
Singapore 637419  
Tel: 1800 262 3550  
cspl.service@cummins.com  
[www.cummins.com.sg](http://www.cummins.com.sg)

## Cummins Sales & Service Malaysia Sdn Bhd

(Company No. 1005452-M)  
No 1, Jalan Industri PBP 13,  
Taman Industri,  
Pusat Bandar Puchong,  
47100 Malaysia  
Tel: +603 8067 8888  
[www.cummins.com.my](http://www.cummins.com.my)

## Cummins Sales & Service Philippines Inc.

Lots 1&2, Block 15, LIIP Avenue  
Laguna International Industrial Park,  
Mamplasan  
Binan, Laguna 4024  
Philippines  
Tel: +632 7717 8100  
[www.cummins.com.ph](http://www.cummins.com.ph)

## Cummins Sales & Service South Pacific Australia

2 Caribbean Drive  
Scoresby VIC 3179 Australia  
Tel: +61 1 300 286 646  
1300cummins@cummins.com  
[www.cummins.com](http://www.cummins.com)



Scan here for  
more information.

[cummins.com](http://cummins.com)

