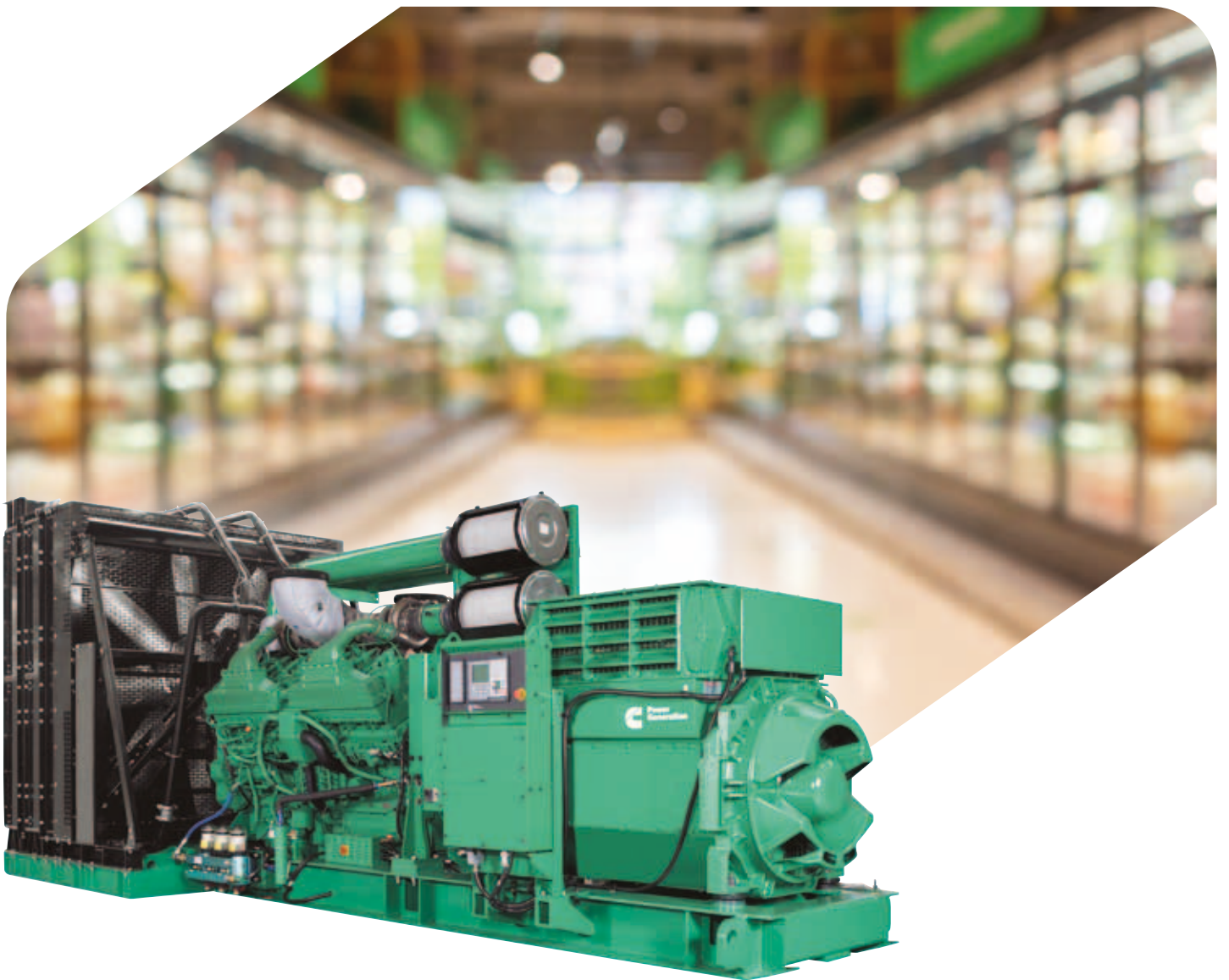


PRODUCT AND SERVICE GUIDE

Power Generation



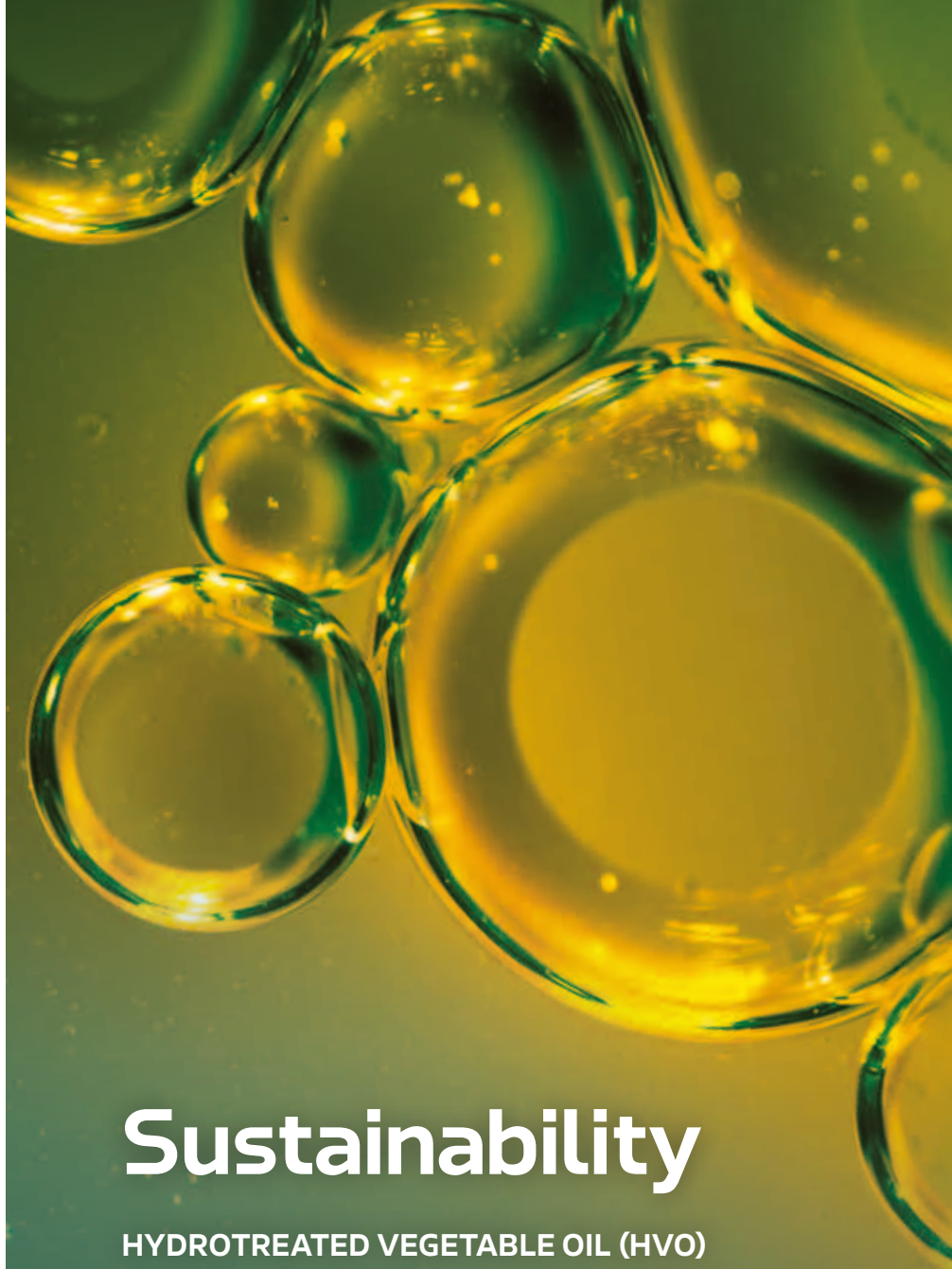
Global power leader

Cummins Power Generation manufactures and delivers integrated and reliable power generation systems across the globe. Cummins' design, manufacture, and test all major components of our generator sets – the engine, alternator, and control systems – so they work in harmony from the start.

Cummins Power Generation is looking beyond today's challenges to help meet future needs by developing the next generation of power with an ever-expanding range of power system solutions that are reliable, flexible and user-friendly. All supported by next-level global Cummins sales and service support.

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Sustainability

HYDROTREATED VEGETABLE OIL (HVO)

The entire range of Cummins Power Generation generators for standby power – from the smallest 2.5 litre engine powered sets to those featuring the mighty 95 litre – is compatible for use with hydrotreated vegetable oil (HVO) and other EN 15940-certified paraffinic fuels.

HVO can be blended in any proportion with conventional diesel, including working on 100% HVO, making it simple and cost-effective.

HVO is a near zero sulphur diesel alternative made from sustainable raw materials such as vegetable oils. It can be used as a 100% substitute for standard EN 590 ultra-low sulphur diesel without requiring any change to the Cummins engine, is compatible with aftertreatment systems and requires no additional engine maintenance.

HVO can be blended with standard diesel at varying percentages, including winter grade fuels. It has the same stability and cold-resistant properties as conventional diesel, which means it can be used and stored in the same way.

PRODUCT RANGE

Below 600kVA

Cummins Power Generation can provide a Cummins power system that can protect you and your business from 17 to 550 kVA. Our fully trained and certified Cummins dealers work with Cummins to provide total power solutions for your business.

MODEL NAME	STANDBY RATING		PRIME RATING		ENGINE MODEL	STANDARD ALTERNATOR	STANDARD CONTROLLER	EMISSIONS
	kVA	kW	kVA	kW				
C17D5	16.5	13	15	12	X2.5-G2	SOL1-P1	PS0600	
C22D5	22	18	20	16	X2.5-G2	SOL2-G1	PS0600	
C28D5	27.5	22	25	20	X2.5-G2	SOL2-M1	PS0600	
C33D5	33	26	30	24	X3.3-G1	SOL2-P1	PS0600	
C38D5	38	30	35	28	X3.3-G1	S1L2-J1	PS0600	
C44D5E	44	35	40	32	B3.3-G14	UCI224C	PS0600	EU Stage IIIA
C55D5E	55	44	50	40	B3.3-G14	UCI224D	PS0600	EU Stage IIIA
C66D5E	66	53	60	48	B3.3-G14	UCI224F	PS0600	EU Stage IIIA
C90D5	90	72	82	65	6BTA5.9-G5	UCI224G	PC 1.2	
C110D5	110	88	100	80	6BTA5.9-G5	UCI274C	PC 1.2	
C150D5	150	120	136	109	6BTAA5.9-G6	UCI274E	PC 1.2	
C170D5	170	136	155	124	6BTAA5.9-G7	UCI274F	PC 1.2	
C175D5E	175	140	160	128	QSB7-G5	UCI274F	PC 1.2	EU Stage IIIA
C200D5E	200	160	182	146	QSB7-G5	UCI274H	PC 1.2	EU Stage IIIA
C220D5E	220	176	200	160	QSB7-G5	UCI274H	PC 1.2	EU Stage IIIA
C275D5	275	220	250	200	QSL9-G5	UCDI274K	PC 1.2	
C275D5E	275	220	250	200	QSL9-G7	HCI4D	PC 1.2	EU Stage IIIA
C300D5	300	240	275	220	QSL9-G5	HCI4D	PC 1.2	
C300D5E	300	240	275	220	QSL9-G7	HCI4D	PC 1.2	EU Stage IIIA
C330D5	330	264	300	240	QSL9-G5	HCI4D	PC 1.2	
C330D5E	330	264	300	240	QSL9-G7	HCI4D	PC 1.2	EU Stage IIIA
C400D5	400	320	360	288	QSG12-G1	HCI444F	PC 2.2	
C400D5EB	400	320	360	288	QSZ13-G7	HCI544C	PC 2.2	EU Stage IIIA
C450D5	450	360	409	327	QSG12-G2	HCI544C	PC 2.2	
C450D5EB	450	360	409	327	QSZ13-G7	HCI5C	PC 2.2	EU Stage IIIA
C500D5	500	400	455	364	QSZ13-G5		PC 2.2	EU Stage II
C550D5	550	440	500	400	QSZ13-G10		PC 2.2	

Specifications may change without notice.

The product list is not exhaustive, please contact your local distributor or dealer to check other power nodes availability.



	OPEN				ENCLOSED					
	DIMENSIONS				DIMENSIONS				SOUND LEVELS @ 75% LOAD	
MODEL NAME	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	WEIGHT (kg)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	WEIGHT* (kg)	dB(A)@1m	dB(A)@7m
C17D5	1667	930	1282	644.5	2082	987	1524	964.5	72.6	60.9
C22D5	1667	930	1282	672.5	2082	987	1524	992.5	72.7	72.3
C28D5	1667	930	1282	716.3	2082	987	1524	1036.3	72.7	61.2
C33D5	1753	930	1238	743.2	2253	969	1619	1126.9	79	68.9
C38D5	1753	930	1238	778.2	2253	969	1619	1161.9	79.1	69.6
C44D5E	2050	967	1510	1010	2270	975	1920	1414	75.7	67
C55D5E	2050	967	1510	1010	2270	976	1920	1414	76.3	67
C66D5E	2050	967	1510	1107	2270	976	1920	1511	77.1	67
C90D5	2268	1100	1575	1723	3166	1100	1981	2213	79.6	66.6
C110D5	2268	1100	1575	1742	3166	1100	1981	2232	79.6	66.9
C150D5	2537	1090	1846	1465	3460	1090	2387	2176	78.4	65.9
C170D5	2537	1090	1846	1517	3460	1090	2387	2228	79	66.3
C175D5E	2656	1100	1845	1976	4209	1130	2539	2890	78.4	65.9
C200D5E	2656	1100	1845	2117	3900	1100	2246	3301	77	69
C220D5E	2656	1100	1845	2117	4209	1130	2539	3031	78.6	66.7
C275D5	3086	1360	2017.8	3357	4259	1424	2315	4611	78.1	66.4
C275D5E	3135	1100	2097	2181	4259	1424	2728	4177	78.1	66.4
C300D5	3086	1360	2017.8	3357	4259	1424	2315	4611	78.1	66.3
C300D5E	3135	1100	2097	2404	4259	1424	2728	4400	78.1	66.3
C330D5	3135	1100	1928	2570	4258	1424	2215	4734	78.1	66.3
C330D5E	3135	1100	2097	2404	4259	1424	2728	4400	78.1	66.3
C400D5	3849	1500	2167	3987	5092	1564	2440	5329	80.3	68.7
C400D5EB	3376	1500	2191	3954	5095	1564	2441	5090	80.1	68.8
C450D5	3849	1500	2167	4017	5092	1564	2375	5220	80.3	68.7
C450D5EB	3376	1500	2191	3954	5095	1564	2441	5090	80.5	69.2
C500D5	3376	1500	2191	3964	5095	1564	2441	5100	91.6	68.9
C550D5	3376	1500	2191	4239	5095	1564	2441	5558	81	71

*Wet weight without fuel



PRODUCT RANGE

Above 600kVA

Cummins Power Generation designs and manufactures high horsepower generator sets, designed to provide emergency backup, critical standby, prime power or peak shaving to applications such as healthcare, water and waste water treatment plants, manufacturing, government facilities, mining and large commercial buildings.

Our generator sets are controlled by PowerCommand® digital control technology that integrates with other components of the overall power system and can be easily configured to meet the power generation requirements of global customers.

MODEL NAME	STANDBY RATING		PRIME RATING		DCC RATING		CONTINUOUS RATING		ENGINE MODEL	STANDARD ALTERNATOR	STANDARD CONTROLLER	EMISSIONS COMPLIANCE	ENCLOSURE
	kVA	kWe	kVA	kWe	kVA	kWe	kVA	kWe					
C640D5	640	512	582	466	—	—			KTA19-G6	HC5E	PC 1.2	—	
C700D5	706	565	640	512	640	512			VTA28-G5	HC5F	PC 3.3	—	
C825D5	825	660	750	600	750	600			QSK23-G3	S6L1C4	PC 3.3	—	•
C825D5E	825	660	750	600	750	600			QSK23-G9	S6L1C4	PC 3.3	EPA Tier 2	•
C825D5A	825	660	750	600	750	600			VTA28-G6	S6L1C4	PC 3.3	—	
C900D5	900	720	820	656	820	656			QSK23-G3	S6L1D4	PC 3.3	—	•
C900D5E	900	720	820	656	820	656			QSK23-G9	S6L1D4	PC 3.3	EPA Tier 2	•
C1000D5B	1000	800	900	720	900	720			KTA38-G14	S6L1DE4	PC 3.3	—	•
C1100D5B	1132	906	1029	823	1029	823			KTA38-G14	S6L1DF4	PC 3.3	—	•
C1250D5AB	1250	1000	1125	900	—	—			KTA38-G9	S6L1DG41	PC 3.3	—	•
C1400D5	1400	1120	1250	1000	1250	1000			KTA50-G3	PI734B	PC 3.3	—	
C1675D5A	1675	1340	1500	1200	1500	1200			KTA50-GS8	PI734D	PC 3.3	—	
C1760D5	1760	1408	1600	1280	1600	1280			KTA50-G23	S7L1D-E4	PC 3.3	—	
C1875D5	1875	1500	1700	1360	1700	1360			KTA50-G23	S7L1D-F4	PC 3.3	—	
C1875D5E	1875	1500	1700	1360	1700	1360			QSK50-G15	S7L1D-F4	PC 3.3	EPA Tier 2	
C2000D5	2063	1650	1875	1500	1875	1500			QSK60-G3	PI734F	PC3.3		
C2000D5B	2000	1600	1800	1440	1800	1600			KTA50-G23	S7L1D-G4	PC 3.3	—	
C2000D5EB	2000	1600	1875	1500	1875	1500			QSK50-G16	S7L1D-G4	PC 3.3	EPA Tier 2	
C2250D5	2250	1800	2000	1600	2000	1600			QSK60-G4	PI734G	PC 3.3		
C2250D5E	2250	1800	2000	1600					QSK50-G17	S7L1D-H4	PC 3.3	EPA Tier 2	
C2500D5A	2500	2000	2250	1800	2250	1800			QSK60-G8	LVS1804R	PC 3.3	—	
C2750D5BE	2750	2200	2500	2000	2500	2000			QSK60-G23	LVS1804W	PC 3.3	EPA Tier 2	
C3000D5	3000	2400	2750	2200	2750	2200	2475	1980	QSK78-G9/ QSK78-G24	MVS1804S	PC 3.3	—	
C3000D5E	3000	2400	2750	2200	2750	2200	2100	1680	QSK78-G23/ QSK78-G16	MVS1804S	PC 3.3	EPA Tier 2 / TA Luft 2g	
C3500D5	3500	2800	3125	2500	3125	2500	2750	2200	QSK95-G4	LVS1804W	PC 3.3	—	
C3500D5E	3500	2800	3125	2500	3125	2500	2750	2200	QSK95-G5/ QSK95-G10	LVS1804W	PC 3.3	EPA Tier 2 / TA Luft 2g	
C3750D5	3750	3000	3350	2680	3350	2680	3000	2400	QSK95-G4	LVS1804X	PC 3.3	—	
C3750D5E	3750	3000	3350	2680	3350	2680	3000	2400	QSK95-G10	LVS1804X	PC 3.3	EPA Tier 2	

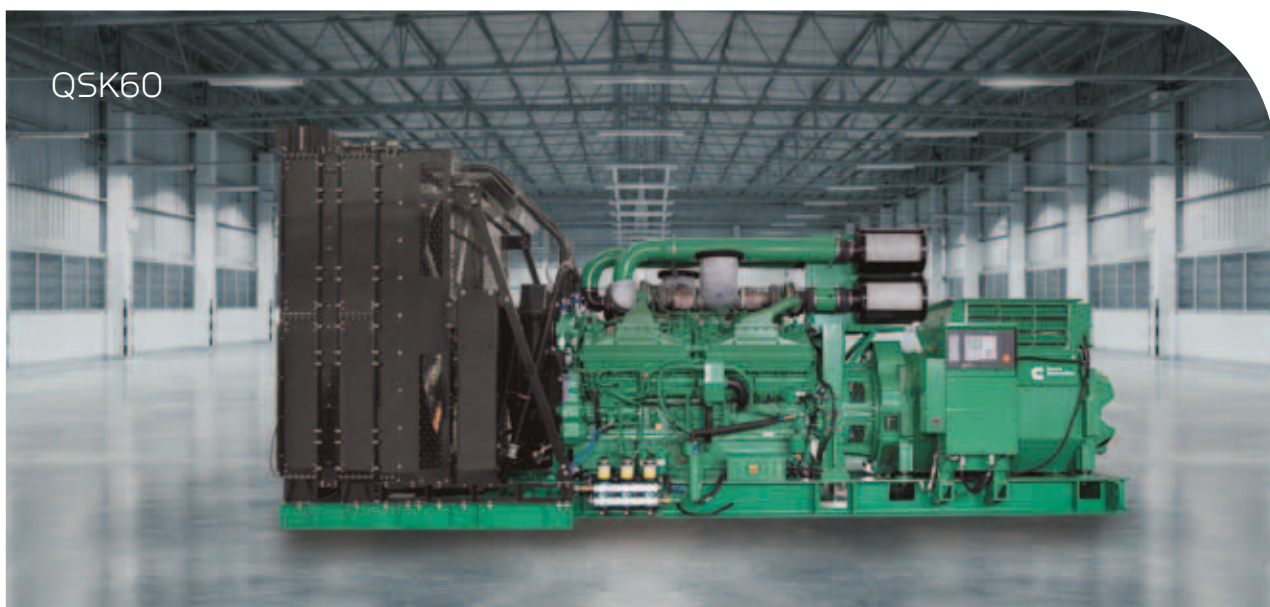
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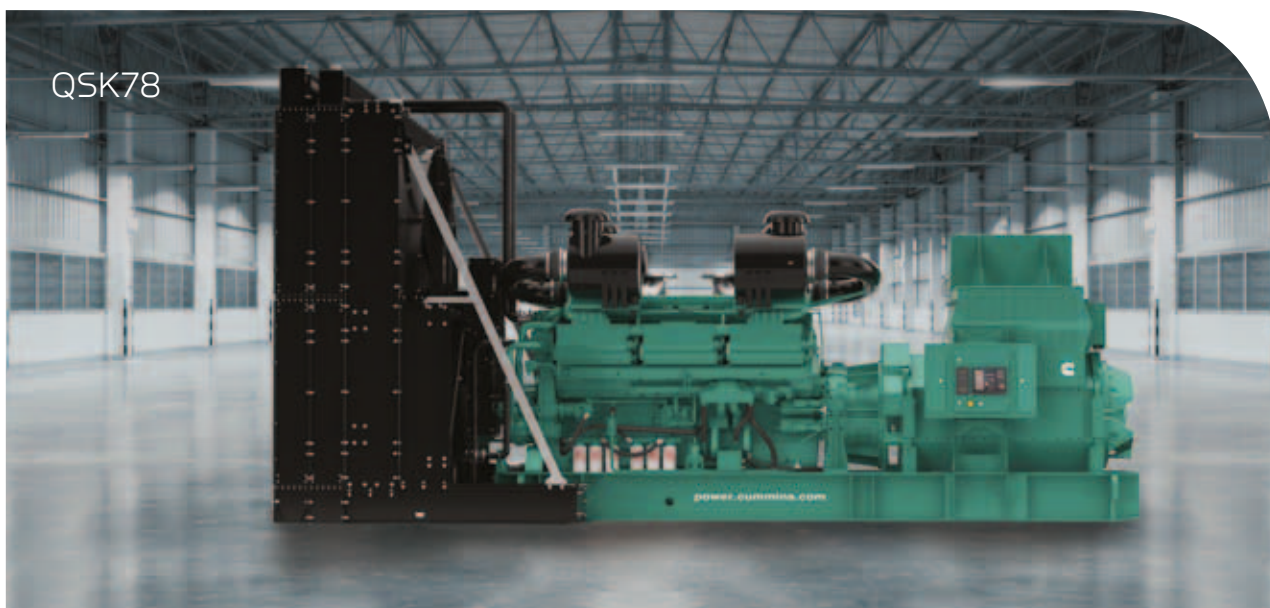
QSK50



QSK60



QSK78



CONTAINERISED GENERATOR SETS

Centum™ Force

The Cummins Power Generation Centum Force generator sets are complete power solutions designed, manufactured, and supported by Cummins. Their modular design allows easy repositioning and redeployment. With the industry's largest global and local support network, Cummins ensures direct access to experts. Shipped in an ISO standard container, Centum Force is cost-efficient for overseas delivery. Its stackable fuel supply design reduces construction costs, saving on capital expenditure, labour, and platform expenses. Customers enjoy full life-cycle support, including installation, testing, and warranty, all provided by Cummins.

MODEL NAME	STANDBY RATING		PRIME RATING		DCC RATING		ENGINE MODEL	STANDARD ALTERNATOR	STANDARD CONTROLLER	EMISSIONS COMPLIANCE
	kVA	kWe	kVA	kWe	kVA	kWe				
C2000D5-PB	2063	1650	1875	1500	1875	1500	QSK60-G3	S7L1D-G41	PC 3.3	—
C2250D5-PB	2250	1800	2000	1600	2000	1600	QSK60-G4	S7L1D-H41	PC 3.3	—
C2500D5A-PB	2500	2000	2250	1800	2250	1800	QSK60-G8	S7L1D-J41	PC 3.3	—
C2750D5B-PB	2750	2200	2500	2000	2500	2000	QSK60-G23	LVS1804T1	PC 3.3	EPA Tier 2

OPTIONS	C2000D5-PB	C2250D5-PB	C2500D5A-PB	C2750D5B-PB
Cooling system limiting ambient temperature (LAT)	50°C	50°C	50°C	45°C / 50°C
Fuel consumption L/h @100% load PRP/ESP	353 / 388	377 / 422	446 / 499	496 / 540
1000 dual wall fuel tank	○	○	○	○
Fuel tank 2000L or 4000L	○	○	○	○
Fuel tank 6000L	●	●	●	●
Motorised valves set (one inlet, one outlet)	○	○	○	○
Motorised valves set (two inlet, one outlet)	○	○	○	○
Fuel level monitoring analog / remote	●	●	●	●
Motorised air intake and outlet louvers	●	●	●	●
Exhaust silencer	●	●	●	●
Touch screen HMI	●	●	●	●
Quick connectors for external interfacing	●	●	●	●
Starting batteries	●	●	●	●
Battery charger	●	●	●	●
Engine coolant heater	●	●	●	●
Alternator heater	○	○	○	●
Alternator stator temperature RTD	○	○	○	○
Alternator bearing temperature RTD	○	○	○	○
Exhaust temperature monitoring	○	○	○	○
Additional auxiliary alternator (HV applications)	○	○	○	○
10.5/11 kV high voltage output	○	○	○	○
LV circuit breaker	○	○	○	○
Fuel transfer pump (bulk tank to internal)	○	○	○	○
VFD fan for improving sound attenuation	○	○	○	○

● Standard ○ Option

Functional in extreme climates

- Applicable in ambient temperature 45/50°C

ISO standard container

- ISO 40ft. long HC container
- CSC certified
- Standard sea freight
- Stackable installation for flexible layout

Smart monitoring

- Touch screen HMI
- Power Command control systems
- Smart comprehensive system monitoring
- Can be connected to remote monitoring systems

Air flow system

- Motorised louvers for air circulation
- Works in severe environment conditions
- Removable for easy maintenance

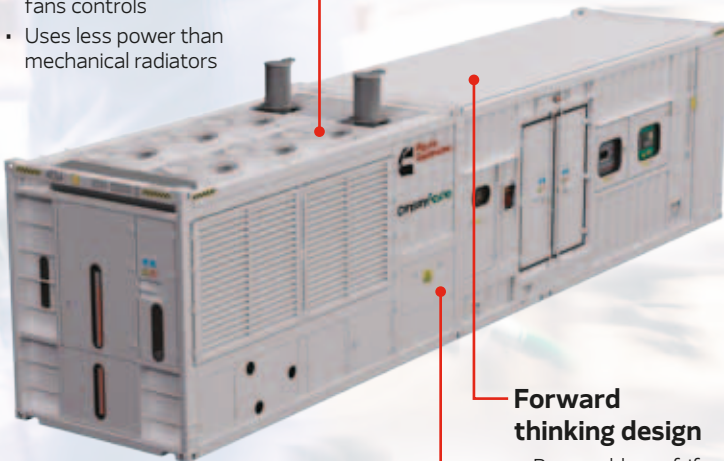
Integrated fuel tank systems

- Multiple fuel tank size options
- External tank interface



Vertical hot air discharge

- Flexible site layouts
- Independent cooling fans controls
- Uses less power than mechanical radiators



Standard quick socket connectors

- Control harness quick plug-in connection
- Configurable with build-in or for external switchgear
- Plug and play design



Forward thinking design

- Removable roof, if required for servicing
- Modular and accessible cooling system elements
- Control panel embedded in container

Noise reduction design

- Critical class 35dBA silencer
- Noise reduction box
- Cummins special acoustic insulation

Highly integrated

- NGR ground resistance cabinet
- Large fuel tank
- Fire monitoring
- Sound attenuation
- Remote monitoring system ready to accept

Ease of access

- Designed to provide easy access to main areas for service and operation through three double-wide doors and one single door



Configurations might vary due to different product platform. Please reach out to your local sales representative for more information.

Controls and paralleling systems

Cummins has been designing generator paralleling power solutions since the 1960s for a wide range of applications, and pioneered the first onboard microprocessor-based generator set control in the early 1990s.

These decades of experience translate into a deep knowledge of the power system controls space, the philosophy of operation, and into thousands of possible failure modes.



POWERCOMMAND

PowerCommand® Controls are the generator set digital paralleling controls responsible for synchronizing, load sharing, protection, metering and monitoring suitable for any power system application needs.

They provide:

- complete autonomous generator set control and integration
- precise frequency and voltage regulation
- AmpSentry™ protection
- fault detection
- alarm notification
- NFPA 110 Level 1 compliant.

All controls are designed with a distributed logic architecture and are responsible for all paralleling functions such as first start arbitration, synchronization, load sharing and governance and are equipped with sophisticated protection elements for complete system integration and reliability.



Whether for simple or complex systems, or for the integration of renewables and new power technologies, we take the complexity out of power systems so that you can focus on the big picture, while Cummins experts deliver every detail from concept, to design, to testing, installation and service - for any application, anywhere.



GTEC TRANSFER SWITCH – AMPERE RATING: 40-2000

The GTEC automatic transfer switch combines reliability and flexibility in a small, economical package for normal and generator set source monitoring, generator set starting, and load transfer functions. GTEC automatic transfer switches are ideal for IEC emergency, standby and optional standby applications.

The microprocessor control of the GTEC transfer switch monitors utility and emergency standby generator power. When utility power fails or is unsatisfactory, the control starts the generator, then transfers the load from the utility to the generator. When stable utility power returns, the switch automatically transfers the load back to the utility.





DIGITAL MASTER CONTROLS

Cummins Power Generation suite of fully integrated supervisory control systems provide more functionality and robust controls than any other system level control available in the market.

Functions and controls include built-in touchscreens, on-site access with multiple

security levels, remote access with email and text notifications as well as reporting.

The PowerCommand® Digital Master controls are designed, manufactured, tested and third party certified to UL891, IEC 61439-2, CSA 22.2, Seismic and CE and provide world-class functionality reliability and quality.



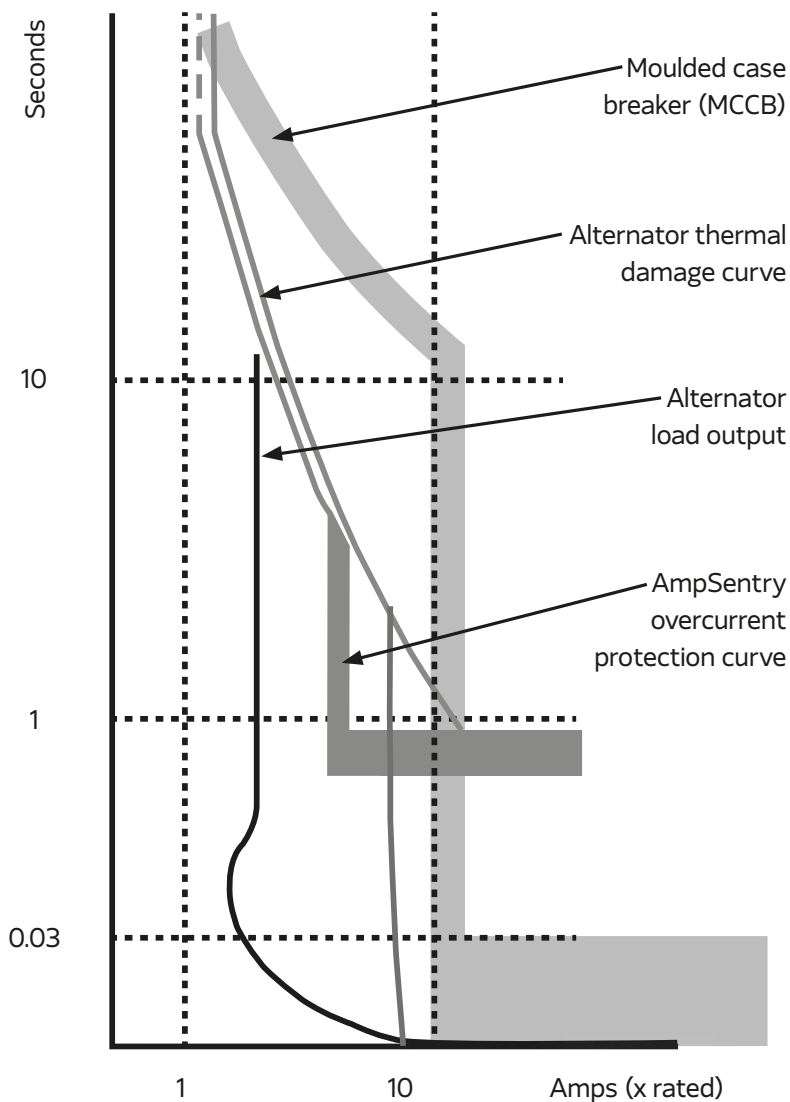
	DMC2000	DMC6000	DMC8000
Product application	Simple Power System	Power System with Reporting	Complex Power System
System voltage	LV and MV	LV and MV	LV and MV
Coloured touch-screen user interface	7"	15"	19" / Custom
Generators supported	Up to 8	Up to 16	Unlimited
Loads supported	Up to 10	Up to 16	Unlimited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

AmpSentry™

ULTIMATE ALTERNATOR PROTECTION

In our technology-rich society, generators are playing an increasingly important role providing the stable and reliable power on which so much depends. Cummins has a proud heritage in generator set design and installation, helping the world push forward to meet new consumer demands. In the spirit of constant innovation comes AmpSentry, a unique-to-Cummins feature that is an integral feature of the sophisticated PowerCommand™ control. AmpSentry guards the electrical integrity of the alternator and power system while offering a safer working environment for front-line technicians.





ALTERNATOR PROTECTION – AMPSENTRY

Every alternator has a thermal damage curve related to the electrical insulation in the stator winding. When a fault causes the output current to soar, it risks damaging the alternator. AmpSentry understands this curve and maintains currents on the 'safe' side, preventing insulation damage.

HOW IT WORKS

Current monitoring

When PowerCommand control detects current exceeding 110% of the generator set's standby rating, AmpSentry activates to protect the alternator from thermal damage.

Current regulation

AmpSentry limits current in any faulted phase to 300% of the generator set's standby rating, for up to 10 seconds for a 3-phase L-L fault and

2 seconds for an L-G fault, before de-exciting the alternator.

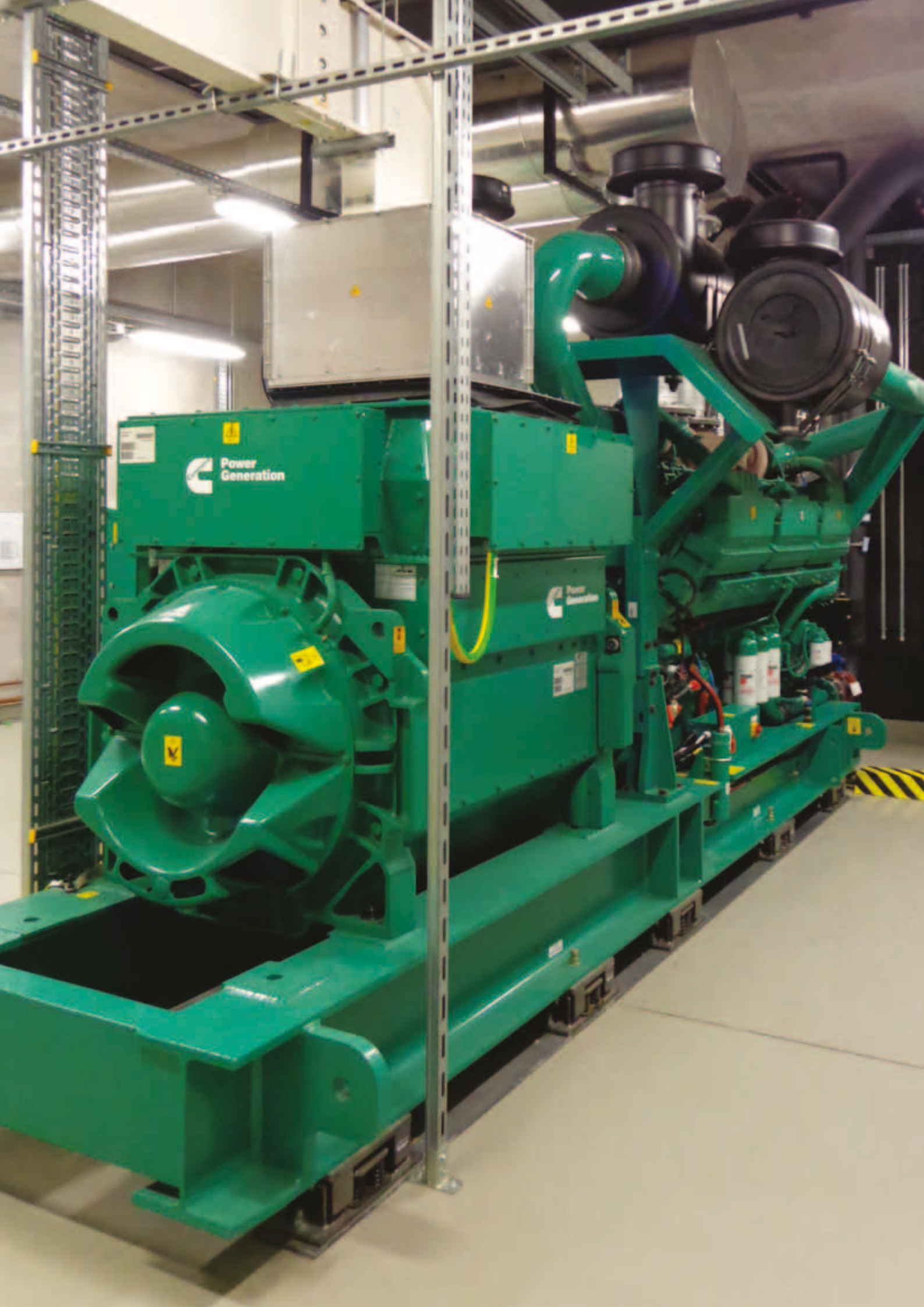
Downstream protection

AmpSentry ensures downstream overcurrent protective devices (OCPDs) can quickly clear faults while safeguarding the alternator from thermal damage.

MAINTENANCE MODE

Enhances worker safety

When personnel need to work in the vicinity of downstream equipment that might be energised by the generator, enabling AmpSentry Maintenance Mode helps reduce potential arc flash energy in the event of a fault. In this mode, AmpSentry will de-excite the alternator within 50ms if current exceeds 300% of the generator set rating, significantly reducing the risk of arc flash.



Projects

Dedicated project management from a global power leader

Cummins Power Generation projects team has the specialist skills, knowledge and experience to deliver a wide range of projects and installations of any size.

Customers benefit from the ability to work directly with a single set of contacts in one organisation. With a proven track record in successfully delivering major projects for high-profile clients around the world, our experienced professionals have the capability and expertise to support all your needs.

CAPABILITY

Our projects team offers a comprehensive service to customers from initial advice at the feasibility and proposal stages, through to project handover and lifetime support.

INSTALLATIONS

Cummins has strong expertise and considerable experience of delivering standard and complex installations, including:

- Plantrooms
- Specialised enclosures
- Bespoke installations
- Basement/rooftop installations

PROJECT SERVICES

- Project management
- Site management
- Fuel and exhaust flue systems
- Distribution switch gear (LV and HV)
- Transfer switches
- Loadbanks
- Mechanical and electrical design and installation
- Commissioning
- Transport and logistics
- Design engineering



Data Centre

Today's data centres networks are held to the very highest uptime standards. Designing power systems that achieve five nines reliability (99.999 percent uptime) requires expert attention to system architecture and unfaltering system redundancy. Cummins Power Generation engineers are the industry's most experienced data centre practitioners and are supported by a global distribution network that's trained to provide world-class service whenever and wherever you need it most.



Hospitals and Healthcare

Cummins generator engines have been used to provide hospitals with standby power for over 60 years. Hospitals and healthcare facilities require the most reliable emergency standby power to perform life sustaining treatments and maintain the wellness of patients. Cummins' complete power systems are the preferred choice for the world's leading healthcare organisations.



Water and Wastewater Treatment

Regardless of geographic location, water and wastewater treatment plants keep water supplies flowing, safe for consumption and readily available for industry. The engineers responsible for keeping these plants operational trust the experienced professionals at Cummins Power Generation to seamlessly integrate power systems.



GLOBAL



CONNECTED



ON-SITE



PHONE
SUPPORT



ONLINE
GUIDANCE

Aftermarket service support

Cummins provide comprehensive aftermarket support on all generators across Europe. This includes maintenance (scheduled and non-scheduled), general servicing (all makes and models of generator supported), 24 / 7 service and repair (contracted customers), parts and consumables, customer service contracts and new equipment sales.

SERVICE AGREEMENT

Customer service contracts that are comprehensive and uniquely crafted to focus on delivering high-quality service support that exceeds expectation.

Cummins works with customers to create a service arrangement that suits them. A service contract enables Cummins to assist customers in protecting their generator power systems with a tailored made support option that meets their needs.

These agreements can be based on a variety of fixed terms depending on the level of service support required and are designed to reduce the total cost of ownership.

Our service experts continually monitor and maintain your equipment through a comprehensive maintenance schedule which keeps your generator in peak working condition. We are always available to provide the level of service support you need.

Benefits

- Total support - when you need it giving you total peace of mind
- Confidence that your generator will start when you need it
- Highest standards of maintenance and quality assurance
- Fixed price plan - no hidden extras
- Cummins renowned product
- Scheduled servicing provides validation of warranty coverage
- Cost-effective solution
- Cummins trained engineers providing specialist expertise
- Maximise uptime and save costs
- Total added value package



Cummins Power Generation Service team tailor support agreements to suit the customers. Each service agreement is based on what service level of support the customer needs.

1

Supported

Customised power system service support that includes technician travel as well as the ability to add on service to optimise value for money

2

Essential

This includes full generator service with loadbank testing and power system support. This option has a range of situation specific options to choose from to reduce cost and improve performance

3

Signature

A comprehensive service contract that includes all services and inspections with the Cummins Connected Solutions and digital service tools. These options can be tailored to include extended warranty, fluid lab analysis programmes and many other services

4

Mission Critical

This option is completely tailored made with full comprehensive cover that protects your operation and delivers a service the customer can depend on





Upgrades

Cummins Power Generation service specialists can deliver high-quality upgrades to customers that can be tailored to each and every site that has a Cummins Power Generation System.

Cummins' specialist service team use the latest tools and processes to provide high quality upgrades that minimises unplanned downtime and enhanced reliability and performance.

- PowerCommand Controllers
- Digital Master Controllers
- Power System Overhauls
- Replacement Generator Sets

CONTROLLERS

Cummins service team can upgrade controllers on all Cummins Power Generation generator sets with very minimal changes. Controller upgrades can be a planned invention, being easy to install and extending the life of the generator set.

By simply upgrading the controller, customers will avoid unnecessary downtime, reduce risk of failure and ensure the availability of parts.

DIGITAL MASTER CONTROLLERS

Cummins Power Generation service support offer customers the option to upgrade their generator power systems with the latest Digital Master Controller (DMC).

By upgrading, their DMC customers can ensure their power system has the latest software and hardware technology, improve performance, extend the life of the power system and reduce the risk of unplanned downtime.



REPLACEMENT GENERATOR SETS

Does your site need more power? Is the generator nearing the end of its useful life? Why not think about replacing the genset?

Cummins can replace your power systems with a generator set to suit your needs. As well as providing you with a cost-effective alternative that maximises uptime by providing a replacement that can be quickly and easily installed.

Cummins experienced aftermarket and engineering teams can deliver a complete and comprehensive replacement package that maximises the life cycle of your power system.

Advantages

- Latest Cummins performance specifications for improved performance and fuel economy
- 100% Genuine Cummins parts used for highest quality and durability
- Every product is tested before shipping
- Low cost or no-cost uprates for newer Cummins engine technology
- Up to five years extended warranty
- Supported by the Cummins global service network

GENSET REBUILDS AND OVERHAULS

Cummins Power Generation service specialist offers a major in chassis genset overhaul. From teardown to final inspection our service team look after your power system. In chassis overhauls can take place on site.

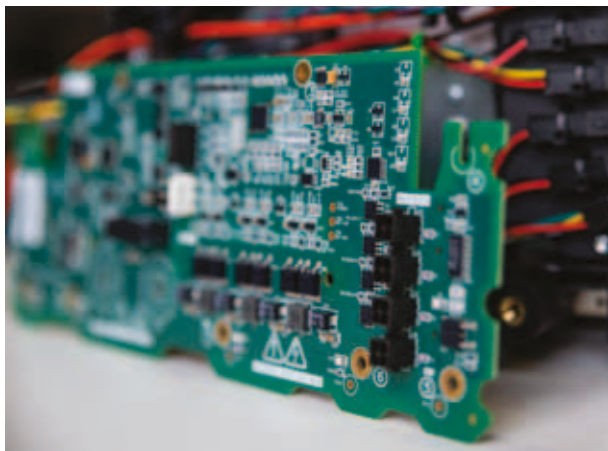
- Teardown, cleaning of components
- Assessment of engine block and crankshaft to ensure it meets or exceeds Cummins guidelines
- Reassembly of genset using Cummins Genuine parts before final testing



Genuine Cummins parts are backed by more than 100 years of engineering experience and significant investments in research, design and testing. Cummins parts are made for peak compatibility in our engines and generator sets, providing unmatched quality and a seamless operational experience.

THERE IS A DIFFERENCE: GENUINE CUMMINS PARTS

The difference between a Genuine Cummins part and a non-genuine part isn't always easy to see. It can be something as small as a ring gap that's a couple of millimetres too wide on a non-genuine part. In a Cummins engine, that small difference could result in less power, insufficient lubrication, poor fuel economy, premature wear and even catastrophic engine failure. While you may save a little money up front by purchasing non-genuine parts, it could cost you a lot more in the long run.



parts.cummins.com

The website parts.cummins.com allows users to search for parts information using any serial or part number available on their Cummins engine or component including Holset® turbochargers, Onan generators, aftertreatment solutions and Fleetguard® filtration solutions.

Parts distribution centres

In Europe, Cummins has two logistics centres that support with the distribution of parts, service tools and kits, engines, low kVA generator sets, filters and coolants.

The European Logistics Centre (ELC) based in Rumst Belgium, is over 59,000m² and ships to over 120 countries. The U.K. Logistics Centre (UKLC) located in Daventry covers over 40,000 m².

Both PDCs support the direct shipment of aftermarket products to service locations, dealers and customers.

Not all parts are created equally

Often, what you can't see makes all the difference. Engine and generator components must be accurate to specifications that can't be discerned by the human eye. Precision design, state-of-the-art manufacturing and rigorous testing ensure that Genuine Cummins parts perform at Cummins factory-specified levels of efficiency, reliability and durability.

Genuine Cummins Parts



Consumables

Filtration

Cummins recommends Fleetguard® filtration products by Atmus Filtration Technologies. Having been developed for and tested on Cummins engines, Fleetguard products meet the highest performance specifications.

A generator is only as good as its parts. Fleetguard filtration products are built for maximum uptime. Cummins stocks genuine Fleetguard parts to keep your critical operations up and running.

Air, lube and fuel filters (including water separators) are essential components that play an important role in the operation of any diesel generator.

FIGHT HIGH FUEL COSTS

Filters are powerful tools to keep generators running efficiently and get the most out of every drop of fuel. Fleetguard media technology enables filters to be designed for a specific application and environment. Fuel and lube filters containing NanoNet® media

work to extend service intervals and put less strain on your engine, resulting in better fuel savings. High performance NanoNet media is made from 100% synthetic microfibres that are one-hundredth the width of a human hair to catch even the smallest impurities.

The robust design of Fleetguard NanoForce® air filters reduces average air flow restriction and fuel consumption.

Filtration science you can count on

Cummins understands the importance of maintaining essential operations. Fleetguard filters are laboratory tested under real-world conditions for round-the-clock power and peace of mind. Customers achieve a lower total cost of ownership on average when using a complete Fleetguard filtration package.



Lubricants

The Valvoline Premium Blue lubricants portfolio has been exclusively developed, tested, and are officially approved for Cummins engines.

In partnership with Valvoline, a leading manufacturer of engine oils, Premium Blue is used at first fill and the only aftermarket lubricant recommended by Cummins.

VALVOLINE PREMIUM BLUE ONE SOLUTION GEN 2

This is the latest lubricant of Valvoline's 30-year relationship with Cummins, it is a supreme quality product suitable for use in multiple fuel-type applications. It provides improved oxidation and thermal stability, in addition to extended drain intervals for both diesel and natural gas engine platforms simplifying operations for your Cummins Power System.

VALVOLINE GEO SNG-4*

Premium quality heavy duty engine oil. Uniquely formulated with special additive technology to offer ultimate protection and significantly improved thermal and oxidation stability.

VALVOLINE GEO SNG-6*

High-performance lubricant developed to meet the demands of the latest stationary high output, turbocharged, spark ignited natural gas engines.

PREMIUM BLUE GEO LA-ES

The only one approved in Cummins QSV 81/91 engines for up to a 6,000 hour oil drain interval.



*SNG4 and SNG6 are also approved for use in other applications.



CUSTOMER SERVICE

**TECHNICAL
SUPPORT**

**WARRANTY
ASSISTANCE**

CONNECTED SERVICE



Warranty

Cummins generator sets are backed by a comprehensive warranty programme that is supported through a global parts and service network.

Cummins offers a total value warranty package that is based on reliability, performance and service support.

Exceptional design and meticulous workmanship go into every product we make and, we are committed to the quality of our generator sets, which are supported by a factory-backed, comprehensive warranty. Cummins provides various base coverages tailored to different products. The base warranty is contingent upon specific terms and conditions of use.

EXTENDED COVERAGE

We know that your generator set purchase is a long-term investment, so you can count on our extended warranty to protect your generator for a number of years from the date in service with a highly cost-effective choice of coverage options. Extended warranty is only allowed to be purchased before the comprehensive base warranty period has expired.

Contact Cummins Care for more information on extended coverage options available for your Cummins generator set.

care.cummins.com

Product training

High quality product service training is fundamental in enabling customer to operate their Cummins Power Generation systems. Cummins aims to provide comprehensive training on all aspects of Cummins products.

The Cummins Training School offers a variety of courses based on the skill level of the student. Courses go from product familiarisation to qualification level and are a combination of interactive online programmes and instructor led courses that take place across Europe.

For end users, facilities management teams, M&E contractors and dealers Cummins offers a variety of services:

- Training up to the latest Cummins Power Generation products
- Tailored training schedules based on the customer's requirements
- Virtual online courses for digital tools such as INSITE
- Flexible training locations to suit the customer





Cummins
**Power
Generators**

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