

Our energy working for you.™



**Power
Generation**

Full Product Line

North America



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Global strength, local partnership



With more than 90 years of experience in power generation and an extensive global distributor network across 190 countries, Cummins Power Generation is ready to match the right generating, transfer and control technologies with your power needs — whether you require continuous, prime, peaking or standby power; cogeneration; or a complete turnkey power plant.

- 54,600 employees
- 88 manufacturing facilities
- 15 technical centers
- 7,200 dealer locations
- 20 parts distribution centers
- 600 distributors

The Power of One™

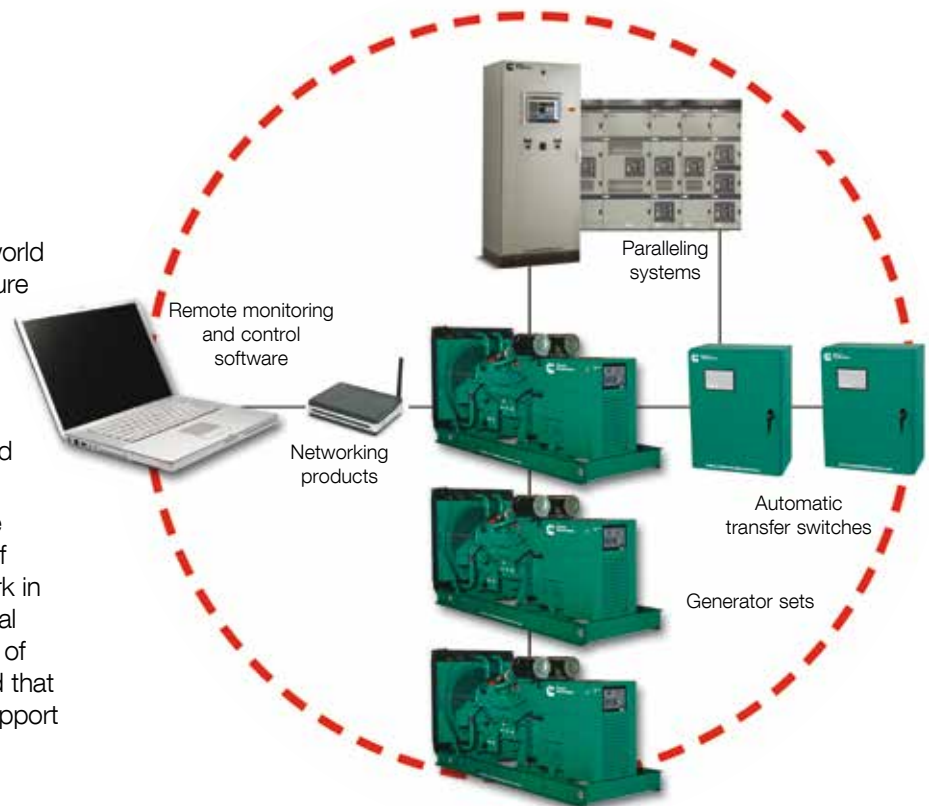
The Power of One has two dimensions. First, it means a single manufacturer of power generation products. And second, it means a single source for a complete set of required services. These two dimensions combine to provide a single source for complete power solutions.

Total solutions provider

Cummins Power Generation is a world leader in the design and manufacture of pre-integrated generator sets, ranging from 2 kW to 3.5 MW.

All major components – engine, alternator, transfer switches and control systems – are designed and manufactured by Cummins.

Because they are designed by one manufacturer, all of the elements of our power generation systems work in harmony from the start. This integral approach – that we call the Power of One – gives you the peace of mind that comes from excellent customer support and reliable, trouble-free operation.



Our support capabilities

- System design and application engineering
- Power Suite™ 5.0 tool for sizing and applying power generation equipment
- Project management
- Product customization
- Total solution delivery
- Factory-trained, certified and highly experienced technicians
- Planned maintenance availability (PMA)
- Global distribution network with local support
- Parts availability
- 24/7 emergency response system
- Remote and monitoring control

What makes us different?

Cummins Power Generation is about more than innovative technologies meeting your needs. The key difference is our people, who live by a simple set of rules we call “The Three Rs.”

Reliability

When you need real power you can depend on us to deliver unrivaled reliability. We do what we say we will, and more. We keep our promises.

Relationships

At Cummins you are in touch with real people you can trust and rely on. Wherever and whenever you need us, we'll be there for you.

Responsiveness

We strive to provide same-day answers, turnkey solutions, quick delivery, split-second start-up and a phone that is answered 24 hours a day, seven days a week.

Diesel Generator Sets

Low-emission technologies

Cummins Power Generation diesel generator sets are known for their fuel efficiency, responsive transient performance and rugged reliability.

We are committed to meeting or exceeding clean air standards worldwide.

Leading the industry in advanced emissions solutions, we ensure that our generator sets meet U.S. Environmental Protection Agency (EPA) and European Union (EU) emissions standards wherever possible.

Our strong history of emission leadership has enabled us to develop our own emission solutions package in accordance with EPA and EU regulations and requirements.

Developing products for a cleaner tomorrow

Cummins Power Generation leads the industry in the development of cleaner, quieter and more efficient diesel-powered generator sets. We are committed to meeting or exceeding all global air quality regulatory standards for stationary and nonroad diesel-engine generator sets through 2017 and beyond. This protects public health and conserves vital natural resources.

New technologies to reduce emissions

Since 1996 in the U.S. and 1999 in the EU when emissions regulations for nonroad diesel engines first went into effect, Cummins Power Generation has developed technologies that reduce the primary pollutants in the exhaust of a diesel generator set by over 90 percent. Pollutants such as nitrogen oxides (NOx), hydrocarbons (HC) and particulate matter (PM) from diesel engines are precursors to smog and ozone in many populated areas of the world. All our generator sets below 500 kW have emissions-reduction technologies through in-cylinder design improvements and precise control of the combustion process.

Leading the way in Tier 4

Tier 4 refers to a set of emissions requirements established by the EPA to reduce emissions of particulate matter (PM), oxides of nitrogen (NOx) and air toxics from new, nonroad diesel engines. As part of this clean air initiative, the EPA proposed rules to regulate national emissions, designed to be progressively tightened over time to achieve a steady rate of air quality improvement without unreasonable economic disruption.

A leader in emissions-reduction and control technologies, Cummins Power Generation has pioneered a number of in-engine and aftertreatment techniques to meet and exceed the EPA's emissions-reduction standards for our large, stationary generator sets and mobile generator sets. Cummins was the first manufacturer to introduce EPA Tier 2 and Tier 3 generators to the market, well ahead of the regulatory deadline. Our mobile diesel generator sets were among the first applications in the important 175 to 751 horsepower node required to meet EPA Tier 4 Final emissions regulations, and Cummins was the first manufacturer to receive Tier 4 Final certification on our complete range of high-horsepower diesel generator sets, eight months ahead of EPA's implementation date.

Our commitment to providing you with total operational flexibility in how you choose to use generator power is what drives us to stay ahead of the game.



Clean power creates powder

At Snow Summit Ski Resort in Big Bear Lake, California, a PowerCommand® system provides 12 megawatts of electricity to power air compressors, water pumps and fan guns that make up the resort's snowmaking equipment. The 2 MW diesel generators are designed to meet Southern California's strict air-quality requirements.

Diesel Generator Sets

10 kW to 3500 kW (60 Hz)

Model Name	Standby Rating		Prime Rating		DOC Rating		Continuous Rating		Engine Model	Emissions Compliance	Standard Alternator	Standard Control	Sound Enclosure
	kVA	kWe	kVA	kWe	kVA	kWe	kVA	kWe					
C10 D6	12.5	10	11.4	9.1	-	-	-	-	D1703-M	EPA Tier 4i	CA115	PC 1.1	○
C15 D6	18.8	15	17	13.6	-	-	-	-	D1703-M	EPA Tier 4i	CA115	PC 1.1	○
C20 D6	25	20	22.8	18.2	-	-	-	-	V2203-M	EPA Tier 4i	CA115	PC 1.1	○
C25 D6	31.3	25	28.3	22.7	-	-	-	-	B3.3-G5	EPA Tier 3	CA115	PC 1.1	○
C30 D6	37.5	30	33.7	27	-	-	-	-	B3.3-G5	EPA Tier 3	CA115	PC 1.1	○
C35 D6	43.7	35	45	32	-	-	-	-	B3.3-G5	EPA Tier 3	CA115	PC 1.1	○
C40 D6	50	40	45	36	-	-	-	-	B3.3-G5	EPA Tier 3	CA115	PC 1.1	○
DGHDA	63	50	56	45	-	-	-	-	4BT3.3-G7	EPA Tier 3	UC2C	PCC 2100	○
DSFAC	63	50	56	45	-	-	-	-	QSB5-G3	EPA Tier 3	UC2D	PCC 2100	○
DGHDB	75	60	68	54	-	-	-	-	4BT3.3-G7	EPA Tier 3	UC2C	PCC 2100	○
DSFAD	75	60	68	54	-	-	-	-	QSB5-G3	EPA Tier 3	UC2F	PCC 2100	○
DSFAE	100	80	90	72	-	-	-	-	QSB5-G3	EPA Tier 3	UC2G	PCC 2100	○
DGDB	125	100	113	90	-	-	-	-	6BTA5.9-G6	EPA Tier 1	UC3D	PCC 2100	○
DSGAA	125	100	113	90	-	-	-	-	QSB7-G5	EPA Tier 3	UC3D	PC 1.1	○
DGDK	156	125	141	113	-	-	-	-	6BTA5.9-G3	EPA Tier 1	UC3E	PCC 2100	○
DSGAB	156	125	141	113	-	-	-	-	QSB7-G5	EPA Tier 3	UC3E	PC 1.1	○
DSGAC	188	150	169	135	-	-	-	-	QSB7-G5	EPA Tier 3	UC3G	PC 1.1	○
DSGAD	219	175	200	160	-	-	-	-	QSB7-G5	EPA Tier 3	UC3H	PC 1.1	○
DSGAE	250	200	225	180	-	-	-	-	QSB7-G5	EPA Tier 3	UC3H	PC 1.1	○
DSHAD	288	230	263	210	-	-	-	-	QSL9-G2	EPA Tier 3	UCD3J	PCC 2100	○
DQDAA	313	250	281	225	-	-	-	-	QSL9-G7	EPA Tier 3	HC4E	PCC 2100	○
DQDAB	344	275	313	250	-	-	-	-	QSL9-G7	EPA Tier 3	HC4E	PCC 2100	○
DQDAC	375	300	338	270	-	-	-	-	QSL9-G7	EPA Tier 3	HC4F	PCC 2100	○
DQHAB	375	300	338	270	-	-	-	-	QSM11-G4	EPA Tier 3	HC4F	PCC 2100	○
DFEJ	563	450	513	410	513	410	-	-	QSK15-G9	EPA Tier 2	HC5D	PC 2.3	○
DFEK	625	500	569	455	569	455	-	-	QSK15-G9	EPA Tier 2	HC5E	PC 2.3	○
DQPAA	750	600	681	545	681	545	-	-	QSK19-G8	EPA Tier 2	HC5F	PC 2.3	○
DQCA	750	600	681	545	681	545	-	-	QSK23-G7	EPA Tier 2	HC6G	PCC 2100	○
DQPAB	813	650	681	545	681	545	-	-	QSK19-G8	EPA Tier 2	HC5F	PC 2.3	○
DQCB	938	750	850	680	850	680	-	-	QSK23-G7	EPA Tier 2	HC6G	PCC 2100	○
DQFAE	938	750	850	680	850	680	-	-	QST30-G17	EPA Tier 4F	HC6G	PCC 3201	-
DQFAA	938	750	850	680	850	680	-	-	QST30-G5	EPA Tier 2	HC6G	PCC 3201	○
DQCC	1000	800	906	725	906	725	-	-	QSK23-G7	EPA Tier 2	HC6G	PCC 2100	○
DQFAF	1000	800	906	725	906	725	-	-	QST30-G17	EPA Tier 4F	HC6G	PCC 3201	-
DQFAB	1000	800	906	725	906	725	-	-	QST30-G5	EPA Tier 2	HC6G	PCC 3201	○
DQFAG	1125	900	1023	818	1023	818	-	-	QST30-G17	EPA Tier 4F	HC6H	PCC 3201	-
DQFAC	1125	900	1023	818	1023	818	-	-	QST30-G5	EPA Tier 2	HC6H	PCC 3201	○
DQFAH	1250	1000	1125	900	1125	900	-	-	QST30-G17	EPA Tier 4F	HC6K	PCC 3201	-
DQFAD	1250	1000	1125	900	1125	900	-	-	QST30-G5	EPA Tier 2	HC6K	PCC 3201	○
DQGAR	1563	1250	1419	1135	1419	1135	1250	1000	QSK50-G8	EPA Tier 4F	PI734B	PC 3.3	-
DQGAE	1563	1250	1419	1135	1419	1135	1250	1000	QSK50-G5	EPA Tier 2	PI734B	PC 3.3	-
DQGAS	1875	1500	1706	1365	1706	1365	1375	1100	QSK50-G8	EPA Tier 4F	PI734C	PC 3.3	-
DQGAF	1875	1500	1706	1365	1706	1365	1375	1100	QSK50-G5	EPA Tier 2	PI734C	PC 3.3	-
DQKAK	2188	1750	2000	1600	2000	1600	1813	1450	QSK60-G16	EPA Tier 4F	PI734C	PC 3.3	-
DQKAD	2188	1750	2000	1600	2000	1600	1813	1450	QSK60-G6	EPA Tier 2	PI734C	PC 3.3	-
DQKAL	2500	2000	2281	1825	2281	1825	2000	1600	QSK60-G16	EPA Tier 4F	PI734F	PC 3.3	-
DQKAE	2500	2000	2281	1825	2281	1825	2000	1600	QSK60-G6	EPA Tier 2	PI734F	PC 3.3	-
DQKAM	2813	2250	2281	1825	2500	2000	N/A	N/A	QSK60-G17	EPA Tier 4F	PI734G	PC 3.3	-
DQKAF	2813	2250	2281	1825	2500	2000	N/A	N/A	QSK60-G14	EPA Tier 2	PI734G	PC 3.3	-
DQKAN	3125	2500	N/A	N/A	2813	2250	N/A	N/A	QSK60-G19	EPA Tier 2	LVS1804X	PC 3.3	-
DQLG	3125	2500	2844	2275	2844	2275	2500	2000	QSK78-G14	EPA Tier 4F	MVS1804S	PC 3.3	-
DQLE	3125	2500	2844	2275	2844	2275	2500	2000	QSK78-G12	EPA Tier 2	MVS1804S	PC 3.3	-
DQLC	3125	2500	2920	2336	2920	2336	2439	1951	QSK78-G6	-	LVS1804R	PCC 3201	-
DQLH	3438	2750	3125	2500	3125	2500	2625	2100	QSK60-G14	EPA Tier 4F	MVS1804S	PC 3.3	-
DQLF	3438	2750	3125	2500	3125	2500	2625	2100	QSK78-G12	EPA Tier 2	MVS1804S	PC 3.3	-
DQLD	3438	2750	3125	2500	3125	2500	2700	2200	QSK78-G8	-	LVS1804S	PCC 3201	-
C3000 D6e	3750	3000	3438	2750	3438	2750	3125	2500	QSK95-G9	EPA Tier 2	LVS1804W	PC 3.3	-
C3000 D6	3750	3000	3438	2750	3438	2750	3125	2500	QSK95-G2	-	LVS1804W	PC 3.3	-
C3250 D6e	4063	3250	3750	3000	3750	3000	3125	2500	QSK95-G9	EPA Tier 2	LVS1804W	PC 3.3	-
C3250 D6	4063	3250	3750	3000	3750	3000	3125	2500	QSK95-G2	-	LVS1804W	PC 3.3	-
C3500 D6e	4375	3500	3750	3000	4188	3350	3438	2750	QSK95-G9	EPA Tier 2	LVS1804X	PC 3.3	-
C3500 D6	4375	3500	3750	3000	4188	3350	3438	2750	QSK95-G2	-	LVS1804X	PC 3.3	-

● Standard ○ Option - Not Available

Enclosures

Sound-attenuated and weather-protective

Sound-attenuated and weather-protective enclosures from Cummins Power Generation meet even the strictest sound requirements and provide optimal protection from inclement weather.

- Excellent sound attenuation design providing very low noise
- All-aluminum structure for best-in-class, corrosion-resistant performance
- Modular design for easy upgrade to sound level 2 in the field
- Aesthetic design with green and sandstone color options
- Best-in-class wind rating (180 mph)
- Standard IBC seismic certification on all enclosures
- UL 2200 certified



- Multiple levels of sound attenuation provide exceptional sound performance
- Available in steel and aluminum
- Fully housed, enclosed exhaust silencer ensures safety and protects against rust
- Easy access to all major generator and engine control components for servicing
- Embedded design for ingress protection and enhanced anti-corrosion performance
- IBC seismic certification option available
- UL 2200 certified

Enclosures

Sound-attenuated and weather-protective

Model Name	Standby kW	Enclosure package sound pressure levels @ 7 meters dB(A)			
		Weather protective steel: F182 aluminum: F216*	Sound attenuated Level 1 steel: F172 aluminum: F231*	Sound attenuated Level 2 steel: F173 aluminum: F217*	Sound attenuated Level 3 steel: F232 aluminum: F233*
60 Hz Diesel Range					
C10 D6	10	N/A	67	65	N/A
C15 D6	15	N/A	67	66	N/A
C20 D6	20	N/A	68	66	N/A
C25 D6	25	N/A	70	67	N/A
C30 D6	30	N/A	70	68	N/A
C35 D6	35	N/A	70	68	N/A
C40 D6	40	N/A	70	68	N/A
DGHDA	50	83	78	70	N/A
DGHDB	60	83	78	70	N/A
DSFAC	50	87	79	70	N/A
DSFAD	60	87	79	71	N/A
DSFAE	80	87	82	72	N/A
DGCG	80	84	76	67	N/A
DGDB	100	86	77	70	N/A
DSGAA	100	87	N/A	72	69
DSGAB	125	88	N/A	73	69
DSGAC	150	88	N/A	73	70
DSGAD	175	89	N/A	74	70
DSGAE	200	89	N/A	74	71
DSHAD	230	96	89	78	N/A
DQDAA	250	92++	88+++	72++++	N/A
DQDAB	275	92++	88+++	73++++	N/A
DQDAC	300	92++	88+++	73++++	N/A
DQHAB	300	90++	88+++	76++++	N/A
DFEJ	450	89++	85+++	74++++	N/A
DFEK	500	89++	87+++	73++++	N/A
DQPAA	600	89++++	81+++	75+++	N/A
DQPAB	650	90++++	82+++	75+++	N/A
DQCA	600	86++++	82+++	74++++	N/A
DQCB	750	88++++	83+++	75++++	N/A
DQCC	800	88++++	83+++	75++++	N/A
DQFAA	750	89++++	79+++	75++++	N/A
DQFAB	800	89++++	79+++	75++++	N/A
DQFAC	900	89++++	80+++	76++++	N/A
DQFAD	1000	90++++	80+++	76++++	N/A

Model Name	Standby kW	Enclosure package sound pressure levels @ 7 meters dB(A)			
		Weather protective steel: F182 aluminum: F216*	Sound attenuated Level 1 steel: F172 aluminum: F231*	Sound attenuated Level 2 steel: F173 aluminum: F217*	Sound attenuated Level 3 steel: F232 aluminum: F233*
60 Hz Gas Range					
C20 N6	20	N/A	67	66	N/A
C25 N6	25	N/A	69	67	N/A
C30 N6	30	N/A	65	62	N/A
C30 N6H	30	N/A	76	73	N/A
C36 N6	36	N/A	67	66	N/A
C36 N6H	36	N/A	76	73	N/A
C40 N6	40	N/A	68	65	N/A
C40 N6H	40	N/A	76	73	N/A
C45 N6H	45	N/A	73	72	N/A
C50 N6H	50	N/A	73	72	N/A
C60 N6H	60	N/A	72	73	N/A
GGPC	45 / 50	83	74	65	N/A
GGHE	60	86	77	68	N/A
GGHF	70 / 75	87	77	69	N/A
GGHG	85	80	76	70	N/A
GGHH	100	80	76	71	N/A
GGHJ	125	86	82	75	N/A

Notes:

Data is a measured average of 8 positions, full load standby rating, steel enclosures only.
 (*) Sound levels on aluminum enclosures are approximately 2 dB(A) higher than steel as measured above.
 (**) F183 - Weather with residential muffler configuration.
 (***) F201 - Quiet Site II Level 1 configuration.
 (****) F202 - Quiet Site II Level 2 configuration.
 (*****+) F200 - Weather with mounted muffler configuration.

Acoustical Technology Center

The Acoustical Technology Center (ATC), located at the plant of Cummins Power Generation in Fridley, Minnesota, U.S., is the largest generator-testing facility of its kind in the world.

- 23,000 sq. ft. total building area
- 13,000 sq. ft. hemi-anechoic test area
- 5,000 sq. ft. build area
- Fully capable now of testing generator sets up to 3.5 MW
- Facility built following the Leadership in Energy and Environmental Design (LEED) guidelines for green building design.



Spark-Ignited Generator Sets

20 kW to 895 kW (60 Hz)

Spark-ignited generator sets are a convenient choice for a variety of emergency and standby applications, including healthcare offices and retail businesses that require gaseous fuel options to meet local codes or fuel containment and economic requirements.

Installation and connection to the fuel source lines are both basic and convenient. As with our diesel generator sets, a complete selection of voltages, accessories, generator sets and control options are available for customizing to your specific needs.

Major features include:

- Multiple control system options, including NFPA 110 compliance
- Natural gas, propane or dual fuel systems
- Weather-protective and sound-attenuated enclosures (steel or aluminum)
- Advanced enclosure design for exceptional sound performance
- Good motor-starting capability and fast recovery from transient load changes
- Closed-loop fuel control system and three-way catalyst to reduce emissions (select models)
- U.S. EPA emissions compliance



GFBC



C40 N6

Spark-Ignited Generator Sets

20 kW to 895 kW (60 Hz)

Model Name	Fuel Type		Standby Rating		Prime Rating		Engine Model	Emissions Compliance	Standard Alternator	Standard Control
	Natural Gas	Propane	kVA	kWe	kVA	kWe				
C20 N6	•	•	25	20	-	-	QSJ2.4	EPA*	CA115	PC 1.1
C25 N6	•	•	31	25	-	-	QSJ2.4	EPA*	CA115	PC 1.1
C30 N6	•	•	38	30	-	-	QSJ2.4	EPA*	CA115	PC 1.1
C30 N6H	•	•	38	30	-	-	QSJ2.4	EPA*	CA115	PC 1.1
C36 N6	•	•	45	36	-	-	QSJ2.4	EPA*	CA115	PC 1.1
C36 N6H	•	•	45	36	-	-	QSJ2.4	EPA*	CA115	PC 1.1
C40 N6	•	•	50	40	-	-	QSJ2.4	EPA*	CA115	PC 1.1
C40 N6H	•	•	50	40	-	-	QSJ2.4	EPA*	CA115	PC 1.1
C45 N6H	•	•	56	45	-	-	QSJ2.4	EPA*	CA115	PC 1.1
GGPC	•	-	56	45	50	40	GM V8 5L	EPA*	UC2D	PCC 2100
C50 N6H	•	•	63	50	-	-	QSJ2.4	EPA*	CA115	PC 1.1
GGPC	-	•	63	50	50	40	GM V8 5L	EPA*	UC2D	PCC 2100
C60 N6H	•	•	75	60	-	-	QSJ2.4	EPA*	CA135	PC 1.1
GGHE	•	•	75	60	-	-	Ford V10 6.8L	EPA*	UC2F	PCC 2100
GGHF	•	-	88	70	-	-	Ford V10 6.8L	EPA*	UC2F	PCC 2100
GGHF	-	•	94	75	-	-	Ford V10 6.8L	EPA*	UC2F	PCC 2100
GGHG	•	•	106	85	-	-	Ford V10T 6.8L	EPA*	UC3C	PCC 2100
GGHH	•	•	125	100	-	-	Ford V10T 6.8L	EPA*	UC3D	PCC 2100
GGHU	•	•	156	125	-	-	Ford V10T 6.8L	EPA*	UC3E	PCC 2100
GCMC	-	•	-	-	68	55	PSI 5.7L	EPA SI NSPS+++	UCI224	PCC 1302
GCMC	•	-	-	-	68	55	PSI 5.7L	EPA SI NSPS+++	UCI224	PCC 1302
GFPC	-	•	163	130	-	-	PSI 11.1L	EPA SI NSPS+	UCI274	PCC 1302
GFPA	-	•	175	140	-	-	PSI 8.8L	EPA SI NSPS+	UCI274	PCC 1302
GFPA	•	-	188	150	-	-	PSI 8.8L	EPA SI NSPS+	UCI274	PCC 1302
GCNC	-	•	-	-	188	150	GTA855e	EPA SI NSPS+++	UCI274	PCC 3300
GCNC	•	-	-	-	188	150	GTA855e	EPA SI NSPS+++	UCI274	PCC 3300
GFPC	•	-	250	200	-	-	PSI 11.1L	EPA SI NSPS+	UCI274	PCC 1302
GFBC Cert	•	-	312	250	-	-	GTA855e	EPA SI NSPS+	HC434	PCC 3300
GFBC	•	-	312	250	-	-	GTA855	-	HC434	PCC 1302
GCEC	•	-	-	-	312	250	QSK19	EPA SI NSPS+++	HC434	PCC 3300
GFEB Cert	•	-	437	350	-	-	KTA19 SLB	EPA SI NSPS+	HC434	PCC 3300
GFGA CC	•	-	562	450	-	-	GTA28	EPA SI NSPS++	HC534	PCC 1302
GFGA	•	-	606	485	-	-	GTA28	-	HC534	PCC 1302
GFGB CC	•	-	625	500	-	-	GTA28	EPA SI NSPS++	HC534	PCC 1302
GFJC CC	•	-	688	550	-	-	GTA38	EPA SI NSPS++	HC534	PCC 1302
GFJA	•	-	725	580	-	-	GTA38	-	HC534	PCC 1302
GFLA CC	•	-	750	600	-	-	GTA50	EPA SI NSPS++	HC534	PCC 1302
GFJB	•	-	793	635	-	-	GTA38	-	HC634	PCC 1302
GFLB CC	•	-	812	650	-	-	GTA50	EPA SI NSPS++	HC634	PCC 1302
GFJC	•	-	882	690	-	-	GTA38	-	HC634	PCC 1302
GFLC CC	•	-	938	750	-	-	GTA50	EPA SI NSPS++	HC634	PCC 1302
GFLA	•	-	950	760	-	-	GTA50	-	HC634	PCC 1302
GFLB	•	-	1018	815	-	-	GTA50	-	HC634	PCC 1302
GFLC	•	-	1118	895	-	-	GTA50	-	HC634	PCC 1302

● Standard ○ Option - Not Available

Notes:

- (*) EPA certified for stationary emergency applications.
- Models with (+) are EPA SI NSPS certified.
- Models with (++) are EPA SI NSPS compliant capable.
- Models with (+++) are EPA Mobile certified.
- Optional Sound Enclosure in above CNP models is Level 2.
- Optional Weather Enclosure is option F001.

Lean-Burn Gas Generator Sets

315 kW to 2 MW (60 Hz)


Lean-burn gas generator sets provide premier performance, fuel efficiency, and low emissions for high hour peaking, prime power, combined heat and power (CHP) and waste-to-energy applications.


Using a lean mixture of fuel and air, this design significantly reduces combustion temperatures, which minimizes the production of nitrogen oxides (NOx). The result is high power output with maximum thermal efficiency and minimal emissions.


The Energy Solutions Business of Cummins Power Generation can handle the most complex requirements surrounding lean-burn gas applications, from initial site planning to system design, construction and installation, through operation and maintenance.


Model Name	Continuous Rating (kWe)	Standby Rating (kWe)	Engine Model	Alternative Fuels Capability
C334 N6C	334	-	QSK19G	
C1000 N6C	1000	-	QSK60G	●
C1000 N6	-	1000	QSK60G	
C1100 N6C	1100	-	QSK60G	●
C1250 N6C	1250	-	QSV91G	
C1250 N6	-	1250	QSK60G	
C1350 N6	-	1350	QSK60G	
C1400 N6C	1400	-	QSK60G	
C1700 N6	-	1700	QSV91G	
C1750 N6C	1750	-	QSV91G	●
C2000 N6C	2000	-	QSV91G	●


● Available


- 

Waste-to-Energy
Converting wasted gaseous fuels into profitable and sustainable power
- 


Standby Power
Clean, reliable and cost-effective standby gas power when you need it
- 

Cogeneration
Combined heat and power solutions for a sustainable future
- 

Lean-Burn Gas Fueled Generator Sets
Low emission gas powered energy solutions
- 

Prime Power
Reliable continuous power for any location, day and night
- 

Peaking Power
Economical, adaptable and reliable solutions to meet your peak demands
- 

Project Application Capabilities
Ability to create entire solution to meet the most complex requirements
- 

Operation & Maintenance Support
Flexible cover designed around you

For more information: now.cumminspower.com/gas



CHP system saves money on high on-peak electric rates

William Floyd School District, Shirley, New York - Facing rapidly rising electricity costs, school district officials installed a 2.5 MW combined heat and power system to power three buildings of the Shirley campus. The CHP system provides nearly all of the electricity, heating and cooling for the campus during the local utility's daily peak usage hours when power is very expensive. In the first three years of operation, the CHP system saved more than \$1.2 million.

Rental Power

60 kW to 2 MW

Cummins Power Generation has earned a reputation as a global provider of reliable on-site rental power systems. For good reason: we understand the rental power business and can deliver whatever you need, wherever you need it, around the world.

Our rental expertise is focused on delivering total mobile power solutions that solve your — and your customers' — biggest challenges. Look to us as your single source for reliable products, customized configurations, easy installation and excellent local support.

We offer a full range of rental power solutions:

- Rental generator sets up to 2 MW for a variety of industries
 - Reliable, pre-integrated systems that are designed to work together and meet the demands of critical applications
 - Configurations and features to comply with local requirements and regulations
 - Load banks, fuel tanks and transformers to distribution panels and power cables for single to multiple mobile power units
- Configured especially for the rental power market, these generator sets are packaged with an easy-to-operate customer interface, allowing quick voltage changes to maximize flexibility and minimize setup. Once on the job, these units:
 - Are capable of 32 hours of fuel capacity at 100% prime rating
 - Provide industry-leading containment capabilities, 110% of all fluids within baseframe
 - Perform reliably in high altitudes and high temperatures as well as low load and low ambient conditions
 - Meet all applicable U.S. EPA emission standards, including Tier 4 Final
 - Enable paralleling and varying load level functionalities
 - Deliver dual frequency capabilities on Tier 4 Final rental power products



Model Name	60 Hz Prime Rating		Engine Model	Emissions Compliance	Standard Alternator	Standard Control
	kVA	kWe				
C60 D6R	68	55	QSB5-G1	TPPEM (EPA Tier 3)	UCI224F	PCC 1302
C80 D6R	90	72	QSB5-G2	TPPEM (EPA Tier 3)	UCI224G	PCC 1302
C100 D6R	112	90	QSB5-G4	TPPEM (EPA Tier 3)	UCI274D	PCC 1302
C150 D6R	169	135	QSB7-G3	TPPEM (EPA Tier 3)	UCI274F	PCC 1302
C150 D2RE	169	135	QSB7-G9	Tier 4 Final	UCI274F	PCC 3300
C200 D6R	225	180	QSB7-G5	TPPEM (EPA Tier 3)	UCI274J	PCC 1302
C200 D2RE	225	180	QSB7-G9	Tier 4 Final	UCDI274J	PCC 3300
C275 D2RE	313	250	QSL9-G9	Tier 4 Final	HC14E	PCC 3300
C300 D6R	337	270	QSM11-G4	TPPEM (EPA Tier 3)	HC1434E	PCC 1302
C500 D6RG	569	455	QSX15-G9	TPPEM (EPA Tier 2)	HC5F	PCC 3201
C800 D6RG	906	725	QSK23-G7	TPPEM (EPA Tier 2)	HC1634H	PCC 3201
C1000 D6RG	1125	900	QST30-G5	TPPEM (EPA Tier 2)	HC1634K	PCC 3201
C1500 D6RG	1688	1350	QSK50-G4	TPPEM (EPA Tier 2)	PI734C	PCC 3300
C1600 D6RG	1812	1450	QSK23-G7 X 2	TPPEM (EPA Tier 2)	HC1634H	PCC 3201
C2000 D6RG	2250	1800	QST30-G5 X 2	TPPEM (EPA Tier 2)	HC1634K	PCC 3201
C2000 D6RG	2281	1825	QSK60	TPPEM (EPA Tier 2)	P734F	PCC 3201

Digital Paralleling Systems & Switchgear

PowerCommand[®] paralleling systems are operated by DMC Digital Master Controls that interface directly with PowerCommand-controlled generator sets, optimizing performance and simplifying operation and service.

PowerCommand paralleling systems deliver the flexibility demanded by your complex applications. We use common control blocks with prototype-tested components. These systems deliver the features and performance you require and are supported by the industry's only local paralleling service organization.

Demonstrated Reliability

Integrated paralleling in the generator set controls offers fast synchronization. Any number of generator sets can be synchronized in less than 15 seconds in most applications.

PowerCommand paralleling systems give you demonstrated reliability:

- Industry-leading mean time before failure (MTBF) data
- Innovative failure mode effect analysis
- Prototype testing to validate system design
- Distributed logic designs that isolate issues by eliminating single points of failure



DMC1500



Switchgear



DMC300

Digital Paralleling Systems & Switchgear

Main Features	DMC1000		DMC1500		DMC200	DMC300	DMC8000	
	Gen-to-Gen Paralleling	Utility Paralleling	Gen-to-Gen Paralleling	Utility Paralleling	Gen-to-Gen Paralleling	Utility Paralleling	Gen-to-Gen Paralleling	Utility Paralleling
Custom Features								
Custom engineering available	-	-	-	-	○	○	○	○
Power Section								
Integrated low voltage switchgear	○	○	○	○	○	○	○	○
Integrated medium voltage switchgear	○	○	○	○	○	○	○	○
Outdoor switchgear enclosure	○	○	○	○	○	○	○	○
Protection relay	○	○	○	○	○	○	○	○
Switchgear station battery system	○	○	○	○	○	○	○	○
Neutral grounding resistor	○	○	○	○	○	○	○	○
Load bank	○	○	○	○	○	○	○	○
Genset Controller Compatibility								
PowerCommand 3100	●	●	●	●	●	●	●	●
PowerCommand 3200	●	●	●	●	●	●	●	●
PowerCommand 3201	●	●	●	●	●	●	●	●
PowerCommand 3.3	●	●	●	●	●	●	●	●
Genset Paralleling								
Parallel up to 4 gensets	●	●	●	●	●	●	●	●
Parallel up to 8 gensets	-	-	○	○	●	●	●	●
Parallel more than 8 gensets	-	-	-	-	○	○	○	○
Load Demand								
Fixed Sequence	●	○ (PC 3.3 required in all gensets)	●	○ (PC 3.3 required in all gensets)	●	●	●	●
Run Hour Sequence	●	○ (PC 3.3 required in all gensets)	●	○ (PC 3.3 required in all gensets)	○	○	●	●
Multiple Gen Busses	-	-	-	-	○	○	○	○
Load Add/Shed								
Priority Based - 6 Levels/6 Loads	○	○	○	○	○	○	○	○
Priority Based - 8 Levels/8 Loads	○	○	○	○	○	○	○	○
Priority Based - 10 Levels/10 Loads	○	○	○	○	○	○	○	○
Priority Based - 16 Levels/32 Loads	○	○	○	○	○	○	○	○
Capacity Based - single bus	○	○	○	○	○	○	○	○
Priority Based - multiple bus	○	○	○	○	○	○	○	○
Manual Load Add/Shed control	○	○	○	○	○	○	○	○
System Test								
Without Load	●	●	●	●	●	●	●	●
With Load	●	●	●	●	●	●	●	●
System Scheduler (Exercise)								
Test	●	●	●	●	○	○	●	●
Extended Parallel	-	●	-	●	-	○	-	●
Extended Utility Paralleling kW Control								
Genset Bus % Level (Open Loop/Base Load)	-	●	-	●	-	●	-	●
Genset kW (Open Loop/Base Load)	-	-	-	-	-	●	-	●
Genset Bus kW (Closed Loop)	-	●	-	●	-	○	-	●
Genset Bus kW with Utility Constraint	-	●	-	●	-	○	-	●
Utility Bus kW (Closed Loop/Peak Shave)	-	●	-	●	-	●	-	●

● Standard ○ Option - Not Available

Digital Paralleling Systems & Switchgear

Main Features	DMC1000		DMC1500		DMC200	DMC300	DMC8000	
	Gen-to-Gen Paralleling	Utility Paralleling	Gen-to-Gen Paralleling	Utility Paralleling	Gen-to-Gen Paralleling	Utility Paralleling	Gen-to-Gen Paralleling	Utility Paralleling
Extended Utility Paralleling kVAR Control								
Gen Bus % Level (Open Loop)	-	●	-	●	-	○	-	●
Genset Bus Power Factor (Open Loop)	-	●	-	●	-	○	-	●
Genset Bus kVAR (Closed Loop)	-	●	-	●	-	○	-	●
Genset Bus Power Factor (Closed Loop)	-	●	-	●	-	○	-	●
Utility Bus kVAR (Closed Loop)	-	●	-	●	-	○	-	●
Utility Bus Power Factor (Closed Loop)	-	●	-	●	-	○	-	●
Extended Paralleling Control								
Remote start/stop	-	●	-	●	-	●	-	●
Facility load start/stop	-	●	-	●	-	○	-	○
Power Transfer Transitions								
Open Transition	-	●	-	●	●	●	●	●
Hard Closed Transition <100 ms	-	○ (Transfer pair topology only)	-	○ (Transfer pair topology only)	-	○	-	○
Hard Closed Transition non-ramping	-	●	-	●	-	●	-	●
Soft Closed Transition	-	●	-	●	-	●	-	●
NE Function								
Neutral Earth Device Control	-	-	○	○	○	○	○	○
Data Communications, Display, and Alarming								
Web Serving HMI Screens	-	-	-	-	○	○	●	●
Genset Summary data at the DMC	-	-	○	○	●	●	●	●
Real Time Trending	-	-	●	●	●	●	●	●
Historical Trending	-	-	●	●	○	○	●	●
Modbus RTU RS485 BMS Interface	●	●	○	○	○	○	○	○
Modbus RTU RS232	-	-	○	○	○	○	○	○
Modbus TCP/IP over Ethernet BMS Interface	-	-	○	○	○	○	●	●
Remote monitoring with alarm paging and email	-	-	-	-	○	○	●	●
Supervisory Monitoring Station for on-site/off-site power systems	-	-	-	-	○	○	○	○
System Annunciator(s)	○	○	○	○	○	○	○	○
Audible Alarm	●	●	●	●	●	●	●	●
Diagnostics	●	●	●	●	●	●	●	●
Operator Interface								
HMI 211 Operator Interface	●	●	-	-	-	-	-	-
15" Color Touch Screen	-	-	●	●	●	●	○	○
19" Color Touch Screen	-	-	-	-	○	○	●	●
42" Color Touch Screen	-	-	-	-	○	○	○	○
Customized system HMI	-	-	-	-	○	○	○	○
Multiple HMI	○	○	-	-	○	○	○	○
Redundancy								
Hot Standby Redundant CPU and cabling	-	-	-	-	○	○	○	○
Redundant I/O	-	-	-	-	-	-	○	○
Reports								
Alarm History	-	-	●	●	●	●	●	●
Plant Test Report (JACAHO)	-	-	○	○	○	○	●	●
Custom Report	-	-	-	-	○	○	○	○
Certification / Compliance								
CE Mark	●	●	●	●	●	●	●	●
UL891	○	●	○	●	○	●	●	●
CSA	○	●	○	●	○	●	●	●
Seismic Zone 4	○	●	○	●	○	●	○	●
OSHPD Certified	○	●	○	●	○	●	○	●

● Standard ○ Option - Not Available

PowerCommand® Generator Set Controls

PowerCommand controls provide you reliable, cost-effective solutions for integrated digital paralleling.

Only generator sets from Cummins Power Generation are available with industry-leading PowerCommand controls. Standard features include not only integrated digital governing and voltage regulation, but also analogue and digital metering,

digital engine monitoring systems, smart-starting systems, battery monitoring systems, AmpSentry™ true alternator protection and more.

Main Features	PowerCommand Generator Control						
	PS0500	PC 1.1/1.2	PCC 2100	PC22	PCC 3201	PC33	PC33 MLD
General							
AVR	-	●	●	●	●	●	●
Electronic Governing	-	○	●	●	●	●	●
Glow plug control	●	●	●	●	-	○	●
Cycle cranking	●	●	●	●	●	●	●
Full authority engine control	-	○	○	○	○	○	○
Networking (LonWorks)	-	-	○	-	○	-	-
Networking (ModBus)	-	●	-	●	-	●	●
Fault history	●	●	●	●	●	●	●
Operator interface							
Manual start/stop	●	●	●	●	●	●	●
Auto/remote start	●	●	●	●	●	●	●
Exercise function	-	-	-	●	●	●	●
Auto LED	●	●	-	●	-	●	●
Not in Auto LED	●	●	●	●	●	●	●
Manual LED	●	●	●	●	●	●	●
Common Shutdown LED	●	●	●	●	●	●	●
Common Warning LED	●	●	●	●	●	●	●
Exercise LED	-	-	-	●	●	●	●
Emergency stop (local & remote)	●	●	●	●	●	●	●
Alphanumeric screen	●	●	●	●	●	●	●
Remote start input active led	●	●	●	●	●	●	●
Fault reset	●	●	●	●	●	●	●
Measurement & Instrumentation - Engine							
Oil Pressure	●	●	●	●	●	●	●
Oil Temperature	-	-	○	●	○	●	●
Water Temperature	●	●	●	●	●	●	●
Engine Speed	●	●	●	●	●	●	●
Hours Run	●	●	●	●	●	●	●
Number of Starts	●	●	●	●	●	●	●
Battery Voltage	●	●	●	●	●	●	●
Exhaust Temperature	-	-	-	-	○	-	-
Measurement & Instrumentation - Alternator							
3 Phase L-L & L-N Voltage & Frequency	●	●	●	●	●	●	●
3 Phase Current	●	●	●	●	●	●	●
kWh	-	-	●	●	●	●	●
Total kVA	●	●	●	●	●	●	●
Total kW & kVAr	-	-	●	●	●	●	●
PF	-	-	●	●	●	●	●
Per Phase kVAr, kW	-	-	●	●	●	●	●
Per Phase kVA	●	-	●	●	●	●	●
Shutdown Protection & Indication - Engine							
Low Fuel Level	-	○	○	○	○	○	○
High Fuel Level	-	-	○	○	-	○	○
Low Oil Pressure	●	●	●	●	●	●	●
High Engine Coolant temperature	●	●	●	●	●	●	●
Failure to Crank Shutdown	●	●	●	●	●	●	●
Over Crank (Failure to Start)	●	●	●	●	●	●	●
Overspeed	-	●	●	●	●	●	●

Main Features	PowerCommand Generator Control						
	PS0500	PC 1.1/1.2	PCC 2100	PC22	PCC 3201	PC33	PC33 MLD
Shutdown Protection & Indication - Alternator							
Under & Over Voltage	●	●	●	●	●	●	●
Under & Over Frequency	●	●	●	●	●	●	●
Overcurrent	-	●	●	●	●	●	●
Earth Leakage	-	○	○	○	○	○	○
Reverse Power	-	-	●	●	●	●	●
Reverse Var	-	-	●	●	●	●	●
Threshold Warning Indications							
Low Oil Pressure	●	●	●	●	●	●	●
Low Engine Coolant Temperature	●	●	●	●	●	●	●
High Engine Coolant Temperature	●	●	●	●	●	●	●
Low Coolant Level	-	-	●	○	○	○	○
Low Battery Voltage	●	●	●	●	●	●	●
High Battery Voltage	●	●	●	●	●	●	●
Battery Alternator Charge Fault	-	●	-	●	-	●	●
Overcurrent	-	●	-	●	-	●	●
Overload	-	●	-	●	-	●	●
AVM - AmpSentry Maintenance Mode	-	-	●	●	●	●	●
Paralleling Capability							
Auto Synchronizing (Isolated Bus)	-	-	-	-	○	●	●
kW & VAr Load Sharing Control	-	-	-	-	○	●	●
Auto Synchronizing (Utility Bus)	-	-	-	-	○	●	●
Base Load	-	-	-	-	○	●	●
Synchroscope	-	-	-	-	○	●	●
Peak Lopping	-	-	-	-	-	○	○
Masterless Load Demand	-	-	-	-	-	-	●
Power Transfer Function							
Open Transition Transfer	-	-	-	-	○	●	●
Hard Closed Transition	-	-	-	-	○	●	●
Soft Closed Transition (Ramping)	-	-	-	-	○	●	●
Transfer & Base Load (Utility)	-	-	-	-	○	●	●
Gen/Mains Breaker Control	-	-	-	-	○	●	●
Gen/Mains Breaker Status Protection	-	-	-	-	○	●	●
Environment							
Operating Temp. Range -40°C to +70°C	-	●	●	●	●	●	●
Operating Temp. User Interface -20°C to +70°C	●	●	●	●	●	●	●
Humidity up to 95% (non condensing)	●	●	●	●	●	●	●
Codes & Standards							
CE Compliant	●	●	●	●	●	●	●
NFPA110	-	-	●	●	●	●	●
UL508 Listed	-	-	●	●	●	●	●
UL Certified	-	●	●	●	●	●	●
Controller Inputs/Outputs							
Digital Inputs (shutdown, warning or status)	1	4	4	4	4	4	4
Relay Outputs	1	2	4	4	4	4	4
Configurable Input/Output	-	●	○	○	○	○	○

● Standard ○ Option - Not Available



PS 0500



PC 1.1



PCC 2100



PCC 3201



PC 1.2/2.2



PC 3.3/3.3 MLD

Automatic Transfer Switches

PowerCommand[®] automatic transfer switches communicate directly with the generator set controller, providing more reliable communication across the entire system.

PowerCommand automatic transfer switches feature microprocessor-based control technology for easy operation and robust, high-contact-force design to withstand thousands of switching cycles. Applications include utility-to-generator-set, utility-to-utility or generator-set-to-generator-set. Open-transition switches can be adjusted to completely disconnect the load from both sources for a programmed time period to prevent unnecessary circuit breaker tripping and load damage.

Major features include:

- 40-2000 amp GTEC switches are third-party certified as meeting IEC 60947-6-1 AC31A
- All GTEC switches bear the CE mark
- OTEC, OTPC, BTPC, CHPC and OHPC switches are UL 1008 Listed with UL Type Rated cabinets and UL Listed CU-AL terminals.
- Convenient front-panel display to easily review power and load conditions
- Service entrance configurations up to 1000 amps

Open-transition transfer

Break-before-make switching action is the most basic type of transfer; the connection to one source is opened before the connection to the second source is closed. The sync-check feature included in open-transition transfer control monitors both sources and initiates the transfer—avoiding out-of-phase closing.

Programmed-transition transfer

Similar to open-transition transfer, the switch opens the connection to one source, pauses for an adjustable delay time, then closes the connection to the second source. The adjustable time between sources allows the decay of residual voltage before connecting to the second source.

Closed-transition transfer

Make-before-break switching action for uninterrupted power transfer, the transfer switch provides a seamless transfer of the load from one source to another by momentarily paralleling both sources (<100 milliseconds) during the transfer period.

Bypass isolation (switch mechanism)

Allows maintenance to the main ATS without disconnecting the load. By having two transfer switches connected in parallel, the bypass transfer switch adds redundancy to the system.



Automatic Transfer Switches

Main Features	Automatic Transfer Switches				
	GTEC	OTEC	OTPC	BTPC	CHPC/OHPC
Specifications					
Duty	Light	Light	Heavy	Heavy	Heavy
Amp Range	40 - 2000	40 - 1200	40 - 4000	150 - 4000	125 - 800
(Select the ATS to suit the largest-sized supply (amps) that will be applied to the ATS)					
Voltage Rating	up to 480VAC	up to 600VAC	up to 600VAC	up to 600VAC	up to 600VAC
Phases	1 or 3	1 or 3	1 or 3	1 or 3	1 or 3
Frequency	50 or 60Hz	50 or 60Hz	50 or 60Hz	50 or 60Hz	50 or 60Hz
Poles	2,3,4	3,4	3,4	3,4	2,3,4
Warranty	1 year	up to 10 years	up to 10 years	up to 10 years	up to 10 years
Operating Temperature Range (C°)	-30 to 60	-40 to 60	-40 to 60	-40 to 60	-40 to 60
Switch Mechanism					
Open Transition	●	●	●	●	●
Closed Transition	-	-	○ (>1000A)	○	○ (CHPC only)
Programmed Transition	●	●	●	●	-
Bypass Isolation - Open Transition	-	-	-	●	-
Bypass Isolation - Closed Transition	-	-	-	○	-
Bypass Isolation - Programmed Transition	-	-	-	○	-
Utility-to-Genset	●	●	●	●	●
Utility-to-Utility	-	-	● (not available with closed transition)	● (not available with closed transition)	● (OHPC only)
Genset-to-Genset	●	-	●	● (<1000A)	●
Service Entrance available	-	○ (≤1000A)	● (≤1000A)	-	-
Mechanical Interlock	●	●	●	●	● (disabled during closed transition)
Load Monitoring	-	-	○	○	○
WCR with Specified Circuit Breakers	25-65kA	14-85kA	14 - 100kA	14 - 100kA	42 - 85kA
WCR with Current Limiting Fuses	26-120kA	200kA	200kA	200kA	200kA
Short-time ratings / 30-cycle rating (UL listed)	-	-	-	-	10-42kA
Control					
Type of Control	Basic micro	Basic micro	PCC L1 or L2	PCC L2	PCC L2/ L1 or L2
Operator Panel					
Load Connected to Normal LED	●	●	●	●	●
Normal Source Available LED	●	●	●	●	●
Load Connected to Emergency LED	●	●	●	●	●
Emergency Source Available LED	●	●	●	●	●
Load AC Metering Bar Graph	-	-	○	○	○
Alphanumeric Display	-	-	○	○	○
Panel Security Lock	-	-	●	●	●
Control Functions					
3-phase Voltage Sensing - Utility	●	●	●	●	●
3-phase Voltage Sensing - Generator	Single Phase	Single Phase	●	●	●
Electrical Isolation from AC - Mains	High Impedance	High Impedance	Transformer	Transformer	Transformer
O/U Voltage Sensing Utility	U/V Only	U/V Only	●	●	●
O/U Voltage Sensing Generator	U/V Only	U/V Only	●	●	●
Voltage Sensing Accuracy	+/- 2%	+/- 2%	+/- 2%	+/- 2%	+/- 2%
O/U Frequency Sensing Utility	-	-	●	●	●
O/U Frequency Sensing Generator	U/F Only	U/F Only	●	●	●
Voltage Imbalance	-	-	Level 2 Cont	Level 2 Cont	●
Phase Rotation	-	-	Level 2 Cont	Level 2 Cont	●
Loss of Phase	-	-	●	●	●
Transfer Normal to Emergency (time)	0 - 300 secs	0 - 300 secs	0 -120 secs	0 -120 secs	0 -120 secs
Re-transfer Emergency to Normal (time)	0 - 30 mins	0 - 30 mins	0 - 30 mins	0 - 30 mins	0 - 30 mins
Engine Start Delay (adjustable)	0 - 10 sec	0 - 10 sec	0 - 120 secs	0 - 120 secs	0 - 120 secs
Time Delay to Engine Stop	0 - 30 mins	0 - 30 mins	0 - 1800 secs	0 - 1800 secs	0 - 1800 secs
Programmed Transition (time)	0 - 10 sec	0 - 10 sec	0 - 60 secs	0 - 60 secs	0 - 60 secs
Fail to Disconnect Timer (closed transition)	-	-	Level 2 Cont	●	●
Time & Date-Stamped Event Log	-	-	●	●	●
Historical Data Display	-	-	●	●	●
Remote Monitoring/Communication	-	-	○	○	○
System Data Display	-	-	○	○	○
Elevator Signal Module	○	○	○	○	○
Load Sequencing	-	-	○	○	○
Fully-Programmable Exerciser Clock	○	○	○	○	○
Exercise Clock	●	●	●	●	●
Real-Time Clock	-	-	●	●	●

● Standard ○ Option - Not Available

Remote Monitoring and Service Tool

With the PowerCommand[®] 500/550, have peace of mind knowing your power system can be monitored from anywhere, at any time.

The PowerCommand 500 series is a convenient monitoring system for overseeing the status of your power system. It enables authorized users to monitor and control generator sets, transfer switches and auxiliary devices, whether the user is on site or off site. The PC 500/550:

- Provides seamless integration with PowerCommand generator set and transfer switch controls as well as expansion I/O modules, reducing configuration and installation time.
- Employs a straightforward graphical interface to monitor data and display overall system and device status for generator sets, transfer switches, sensors and output controls.
- Provides ability to remotely start and stop generator, start and stop transfer switch tests, reset and acknowledge faults and activate/deactivate output controls.
- Stores system and device data such as alternator, engine, source, load and active/inactive states and parameters.
- Sends configured notification via SMTP (email), SMS (text) and SNMP traps to selected user groups when events become active.
- Stores system and device events, including faults and warnings triggered by generator sets, transfer switches, sensors and the PC 500/550 itself.



Features/Functionality	PowerCommand 500	PowerCommand 550
Number of Devices Supported	Up to 2 Devices (any combination)	Up to 12 Devices (any combination)
Supported Device Types	Generator sets, transfer switches, CCM-T, CCM-G, Aux 101/102	Generator sets, transfer switches, CCM-T, CCM-G, Aux 101/102
Device I/Os	2 discrete inputs, 2 discrete outputs, 1 resistive input	2 discrete inputs, 2 discrete outputs, 1 resistive input
Expandable I/O Modules	AUX101: 8-configurable inputs / 8-discrete outputs AUX102: 4-non configurable discrete inputs / 8-discrete outputs	AUX101: 8-configurable inputs / 8-discrete outputs AUX102: 4-non configurable discrete inputs / 8-discrete outputs
Notifications	SMTP/Email, SMS/Text and SNMP traps	SMTP/Email, SMS/Text and SNMP/Traps
Connection to Supported Devices	Modbus	Modbus
Data Logging	Yes No data or report export	Yes Data and report export
Extended Memory	Yes	Yes
Certification/Compliance	UL, CSA, CE, FCC, RoHS	UL, CSA, CE, FCC, RoHS
Languages	English, Brazilian Portuguese, Chinese, French and Spanish	English, Brazilian Portuguese, Chinese, French and Spanish
Power Supply Connection	8-32 DC	8-32 DC
Warranty Period	12 months	12 months



PowerCommand InPower[™] for planned maintenance

InPower is a PC-based software tool for direct service of PowerCommand products. Available in two editions, InPower uses a graphical interface compatible with Microsoft Windows[®] to provide direct connection capability.

InPower Pro: Allows users to modify and configure a range of settings within the control for advanced application-specific customization and monitoring of generator set operation and performance parameters.

InPower Lite: Enables users to check parameter settings for diagnostics and trouble-shooting purposes. Features include:

- Calibrations and Adjustments
- Fault Information System
- Strip Chart and Monitor
- Calibration Capture Files

Specifications and Options

Emergency Standby Power (ESP):

Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source. Emergency Standby Power (ESP) is in accordance with ISO 8528. Fuel stop power in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Prime Power (PRP):

Applicable for supplying power to varying electrical load for unlimited hours. Prime Power (PRP) is in accordance with ISO 8528. Ten percent overload capability is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.

Limited-Time Running Power (LTP):

Applicable for supplying power to a constant electrical load for limited hours. Limited Time Running Power (LTP) is in accordance with ISO 8528.

Base Load (Continuous) Power (COP):

Applicable for supplying power continuously to a constant electrical load for unlimited hours. Continuous Power (COP) in accordance with ISO 8528, ISO 3046, AS 2789, DIN 6271 and BS 5514.

Data Center Continuous (DCC):

Applicable for supplying power continuously to a constant or varying electrical load for unlimited hours in a data center application.

Our Commitment to You

We stand behind the quality of our products by offering a factory-backed Extended Warranty Program. Your purchase is a long-term investment, and you can count on our Extended Warranty Program to protect your investment.

Extended warranty at a glance:

- Lower risk of unexpected failure costs beyond factory standard warranty
- Minimized downtime with repairs completed by factory-trained technicians using genuine Cummins parts
- No deductibles or hidden charges
- Up to 10 years extended warranty coverage with fixed-price contract
- Variety of coverage terms and options to meet your needs
- Extended warranty coverage is fully transferable
- Protection against rising parts, labor and travel costs
- Backed by 90 years of experience through Cummins Power Generation
- Supported by global network of authorized Cummins Power Generation service providers
- World-class Cummins Power Generation factory technical assistance

For more information on our Extended Warranty Program, contact your local Cummins Power Generation distributor.



With our network of 600 company-owned and independent distributor facilities and more than 7,200 dealer locations in over 190 countries and territories, an expert Cummins distributor is available in almost every corner of the world to provide you with applications assistance, on-site commissioning, troubleshooting, maintenance and aftermarket services. This means you only need one point of contact for the complete power system throughout its life cycle.



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For more information contact your local Cummins distributor. To find the one nearest you visit <http://power.cummins.com>.

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