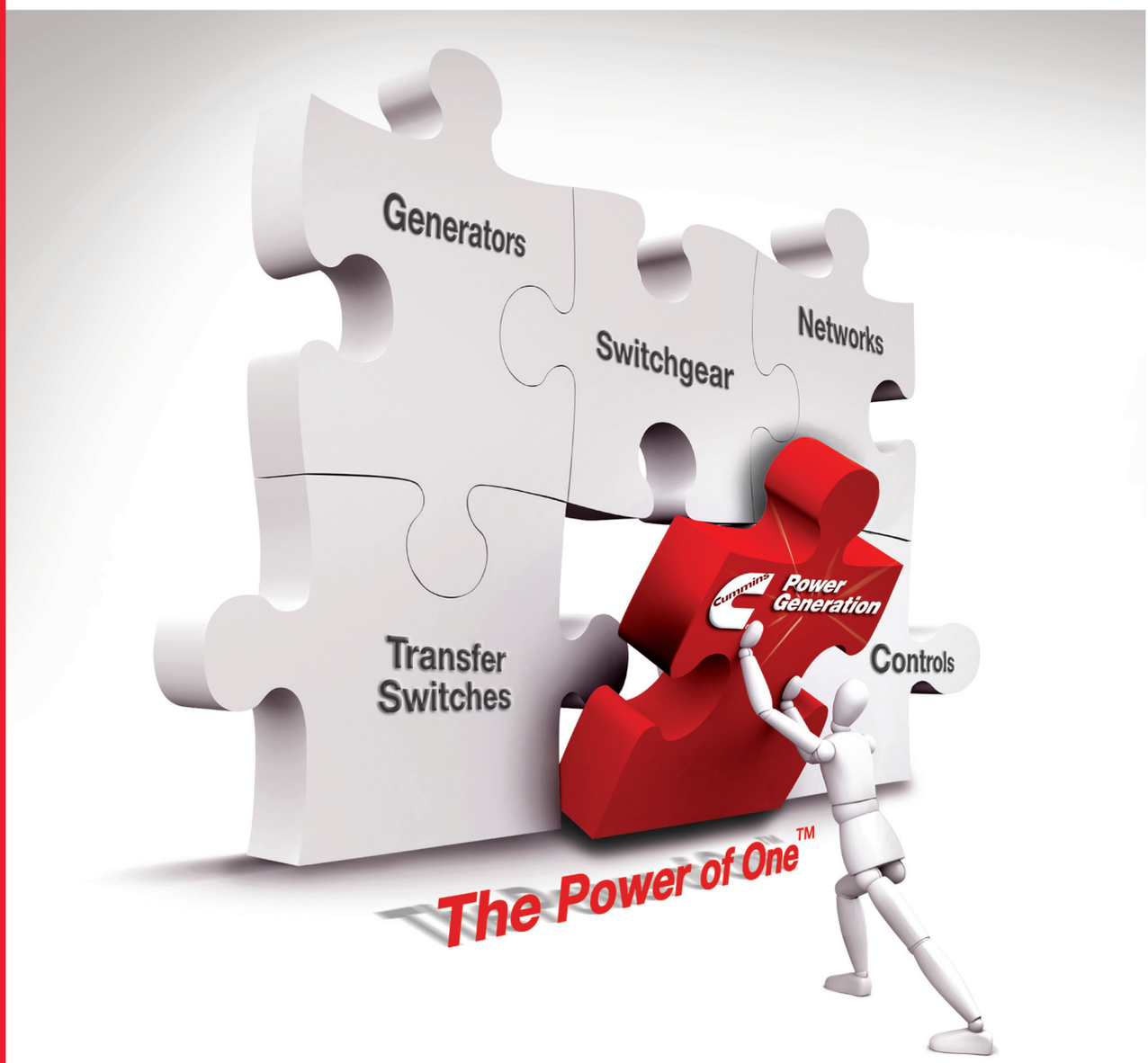
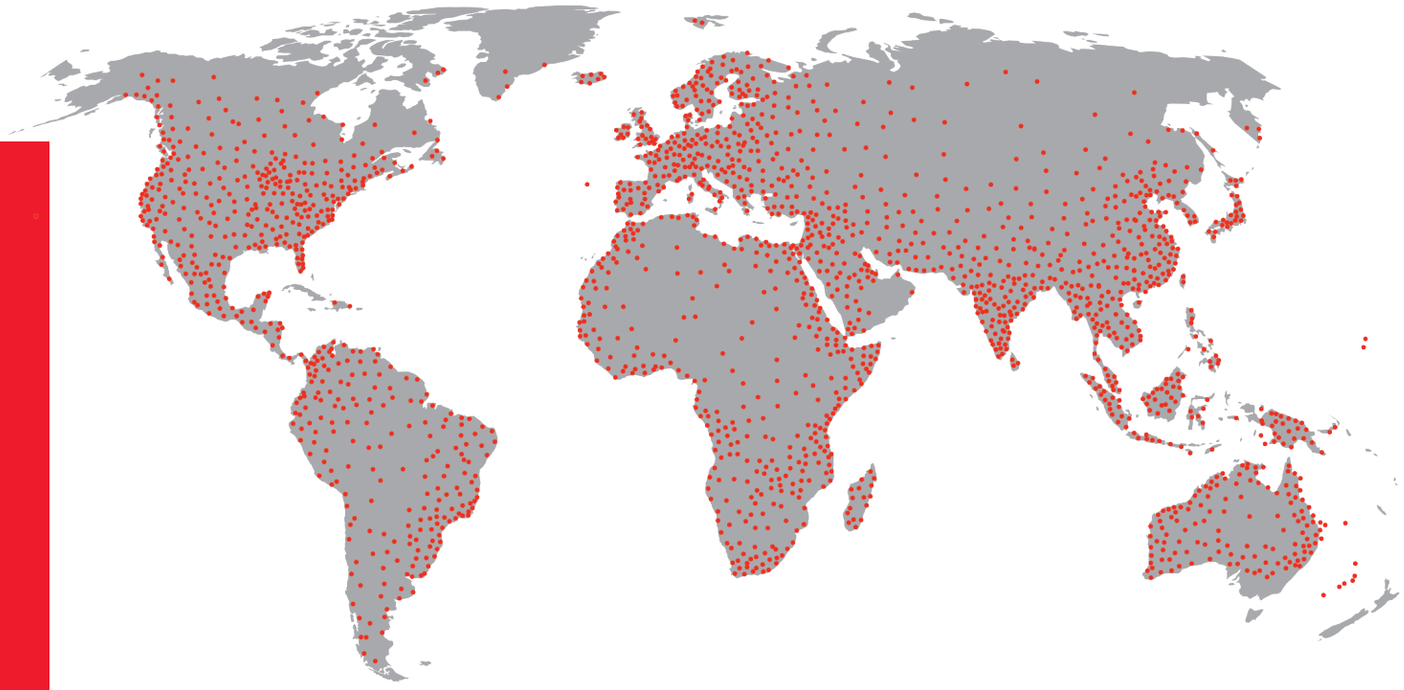
Full Product Line Asia Pacific

Fully Integrated, Reliable, Efficient



Contents

Global Power Leader



With more than 90 years of experience in power generation and an extensive global distributor network across 190 countries, Cummins 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.

- 48,000 employees in 190 countries
- 88 manufacturing facilities
- 19 technical centers
- 6,000 sales and service locations
- 20 parts distribution centers
- 600 distributors

Global strength, local partnership

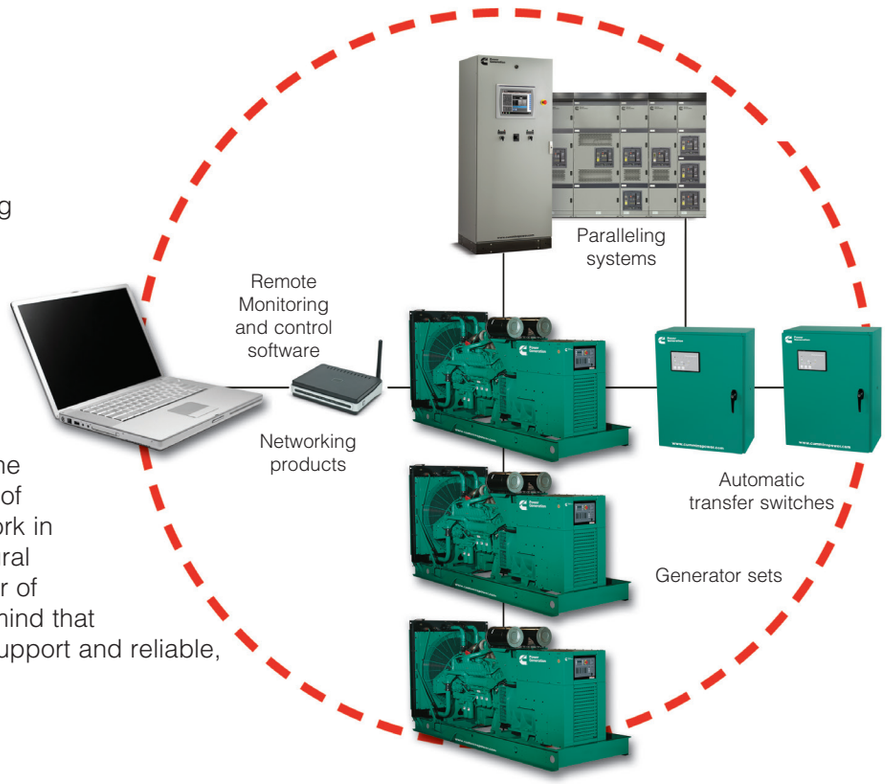
Our global network of 600 distributors and 6,000 sales and service outlets across 190 countries guarantees a face-to-face relationship wherever our products are operating, providing you with fast access to reliable service, engineering expertise and parts support.

Total solutions provider

Cummins is a world leader in the design and manufacture of pre-integrated generator sets, ranging from 8 kVA to 3300 kVA.

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 premium customer support and reliable, trouble-free operation.



What makes us different?

Cummins 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 unrivalled 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.

Low Emissions Technologies

Meeting the latest emissions requirements with our fully integrated generator set applications.

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. EPA and EU emissions standards wherever possible.

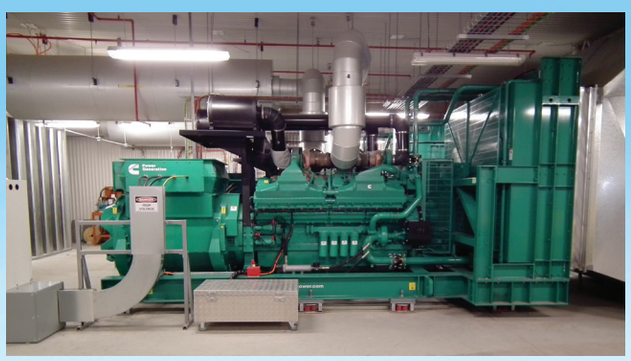
Our strong history of emission leadership has enabled us to develop our own emission solutions package in accordance with EPA and EU regulations and requirements.

Developing products for a cleaner tomorrow

Cummins 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 non-road diesel-engine generator sets through 2017 and beyond. This protects public health and conserves vital natural resources.

New technologies to reduce emissions

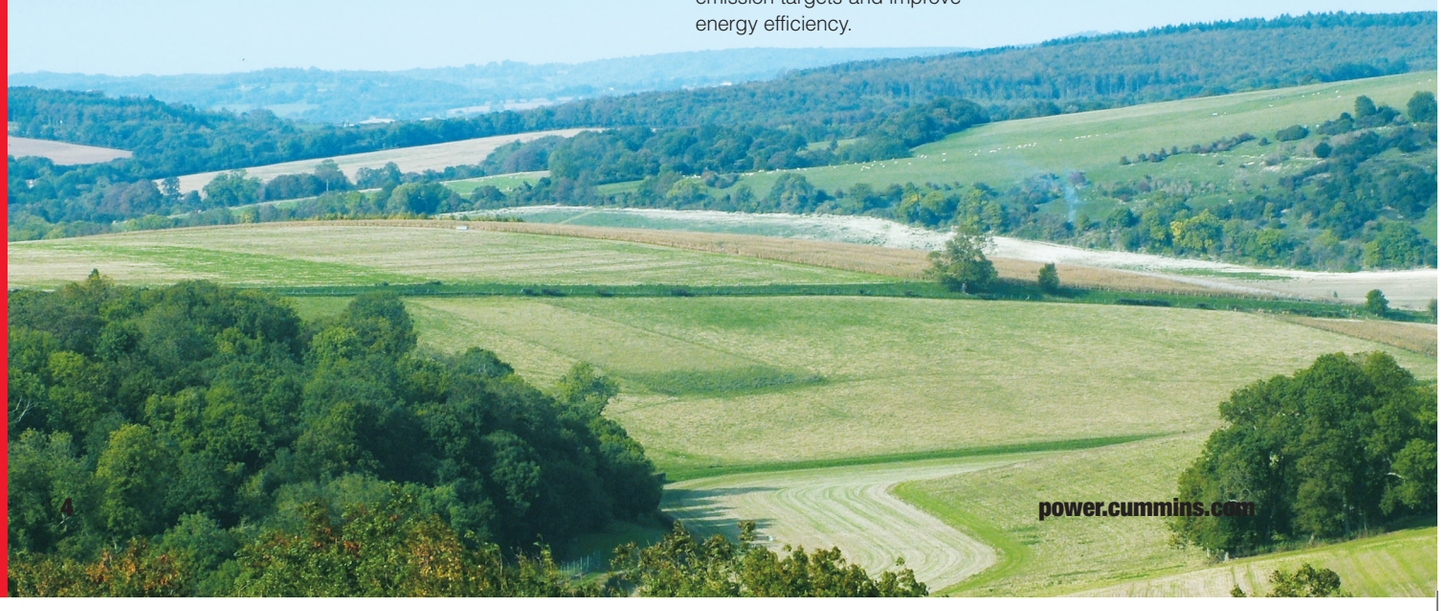
Since 1996 in the US (EPA) and 1999 in the EU when emissions regulations for nonroad diesel engines first went into effect, Cummins has developed technologies that reduce the primary pollutants in the exhaust of a diesel generator set by approximately 80 percent. Pollutants such as nitrogen oxides (NOx), hydrocarbons (HC) and particulate matter (PM) from diesel engines are precursors to smog and ozone in many populated areas of the world. All our emissions-reduction technologies are accomplished through in-cylinder design improvements and precise control of the combustion process.



Sydney hospital opts for Cummins cogeneration plant to meet emission targets and improve energy efficiency

ST. LEONARDS, AUSTRALIA – Just 10 km from the world-famous Opera House, Royal North Shore Hospital is one of Sydney's largest and most prestigious healthcare facilities. When the site went through a major redevelopment, the hospital opted for a Cummins cogeneration plant to meet emission targets and improve energy efficiency.

Two C2000 N5C gas generator sets and two C2500 D5A diesel generator sets were installed for a total 4 MWe of baseload power and the same level of diesel standby power. The Cummins solution also included waste heat recovery and PowerCommand® 3.3 control.



Diesel Generator Sets - 8 kVA to 1100 kVA (50 Hz)

Integrated design and manufacturing combine to give you unequalled reliability, power quality, rated performance and efficient operation.

Model	Standby Ratings		Prime Ratings		Engine Model	Emissions Compliance EU/TAL/EPA	Standard Alternator	Standard Controller	Dimensions (mm) L x W x H	Wet Weight without fuel (kg)	Tank
	kVA	kW	kVA	kW							(L)
C8 D5	8.25	6.6	7.5	6	X1.3-G2		PI044D	PS0500	N/A*	N/A*	100
C11 D5	11	8.8	10	8	X1.3-G2		PI044E	PS0500	N/A*	N/A*	100
C17 D5	16.5	13	15	12	X2.5-G2		PI044G	PS0500	1667 x 930 x 1247	582	150
C22 D5	22	17	20	16	X2.5-G2		PI144D	PS0500	1667 x 930 x 1247	582	150
C28 D5	27.5	22	25	20	X2.5-G2		PI144F	PS0500	1667 x 930 x 1247	605	150
C33 D5	33	26.4	30	24	X3.3-G1		PI144G	PC1.1	1753 x 930 x 1250	875	175
C38 D5	38	30.4	35	28	X3.3-G1		PI144H	PC1.1	1753 x 930 x 1250	910	175
C44 D5	44	35	40	32	S3.8-G4		UCI224C	PS0500	2115 x 1044 x 1516	1105	150
C55 D5	55	44	50	40	S3.8-G6		UCI224D	PS0500	2115 x 1044 x 1516	1120	150
C66 D5	66	52	60	48	S3.8-G7		UCI224F	PS0500	2115 x 1044 x 1516	1105	150
C90 D5	90	72	82	65	6BTA5.9-G5		UCI224G	PC1.2	2268 x 1094 x 1576	1555	350
C110 D5	110	88	100	80	6BTA5.9-G5		UCI274C	PC1.2	2268 x 1094 x 1576	1480	340
C150 D5	150	120	136	109	6BTAA5.9-G6	-	UCI274E	PC1.2	2550 x 1100 x 1850	1635	448
C170 D5	170	136	155	124	6BTAA5.9-G7	-	UCI274E	PC1.3	2550 x 1100 x 1850	1635	448
C175 D5e	175	140	158	126	QSB7-G5	IIIA / T3	UCI274F	PC1.2	2656 x 1100 x 1658	1572	464
C200 D5e	200	160	182	146	QSB7-G5	IIIA / T3	UCI274H	PC1.2	2656 x 1100 x 1658	1670	464
C220 D5e	220	176	200	160	QSB7-G5	IIIA / T3	UCI274H	PC1.2	2656 x 1100 x 1658	1670	464
C250 D5	250	200	227	182	6CTAA8.3-G2	4g	UCDI274J	PC1301	2686 x 1300 x 1547	2000	350
C275 D5	275	220	250	200	QSL9-G5	4g	UCDI274K	PC1.2	3135 x 1100 x 1928	2347	608
C300 D5	300	240	275	220	QSL9-G5	4g	HCI4D	PC1.2	3549 x 1100 x 1928	2570	608
C330 D5	330	264	300	240	QSL9-G5	4g	HCI4D	PC1.2	3135 x 1100 x 1928	2570	608
C350 D5	350	280	320	256	NT855-G6		HCI4E	PCC2100	3549 x 1100 x 2078	3386	706
C400 D5	400	320	360	288	NTA855-G4		HCI4F	PCC2100	3549 x 1100 x 2078	3571	706
C440 D5	440	352	400	320	NTA855-G7		HCI5C	PCC2100	3549 x 1100 x 2115	3683	706
C450 D5e	450	360	409	327.2	QSX15-G8	II	HCI5C	PC2.2	3427 x 1500 x 2066	4121	711
C450 D5eB	450	360	409	327	QSZ13 G7	SIIIa / T3	HC5IC	PC2.2	3686 x 1160 x 2266	4053	772
C500 D5	500	400	455	364	QSZ13 G5	SII / T2	HC5IC	PC2.2	3686 x 1160 x 2266	4053	772
C500 D5e	500	400	455	364	QSX15-G8	II	HCI5C	PC2.2	3427 x 1500 x 2066	4121	711
C550 D5e	550	440	500	400	QSX15-G8	II	HCI5D	PC2.2	3427 x 1500 x 2066	4975	711
C700 D5	706	565	640	512	VTA28-G5		HCI5F	PC3.3	4047 x 1608 x 1942	5760	option
C825 D5A	825	660	750	600	VTA28-G6		HCI6G	PC3.3	4047 x 1608 x 2187	6040	option
C825 D5	825	660	750	600	QSK23-G3		HCI6G	PCC2100	4266 x 1879 x 2052	6528	option
C900 D5	900	720	820	656	QSK23-G3		HCI6H	PCC2100	4266 x 1879 x 2052	6680	option
C1000 D5	1041	833	939	751.2	QST30-G3		HCI6J	PC3.3	4297 x 1685 x 2079	6296	option
C1100 D5	1110	888	1000	800	QST30-G4		HCI6K	PC3.3	4417 x 2000 x 2387	7374	option
C1100 D5B	1132	906	1029	823	KTA38-G5		HCI6K	PC3.3	4470 x 1785 x 2229	8350	option
C1250 D5A	1250	1000	1125	900	KTA38G9		P1734A	PC3.3	4722 x 1785 x 2241	8569	option

* Not applicable, enclosed set only

Diesel Generator Sets - 12 kW to 1000 kW (60 Hz)

Powered by heavy-duty Cummins engines, PowerCommand® diesel generator sets are known for their fuel efficiency, responsive transient performance and rugged reliability.

Model	Standby Ratings		Prime Ratings		Engine Model	Emissions Compliance EU/TAL/EPA	Standard Alternator	Standard Controller	Dimensions (mm) L x W x H	Wet Weight without fuel (kg)	Tank
	kVA	kW	kVA	kW							(L)
C12D6	15	12	13	11	X2.5-G4		PI044F	PS0500	1667 x 930 x 1247	569	150
C16D6	20	16	18	15	X2.5-G4		PI044H	PS0500	1667 x 930 x 1247	569	150
C20D6	25	20	22	18	X2.5-G4		PI144D	PS0500	1667 x 930 x 1247	582	150
C30D6	37.5	30	33.8	27	X3.3-G2		PI144G	PC1.1	1753 x 930 x 1250	875	175
C35D6	43.8	35	40	32	X3.3-G2		PI144H	PC1.1	1753 x 930 x 1250	910	175
C40 D6	50	40	45	36	S3.8-G8		UCI224C	PS0500	2115 x 1044 x 1516	1105	150
C40 D6	50	40	45	36	4BT3.3-G3		UCI224C	PC1.1	1753 x 930 x 1256	776	107
C50 D6	62.5	50	56.3	45	S3.8-G9		UCI224D	PS0500	2115 x 1044 x 1516	1120	150
C50 D6	62.5	50	56.3	45	4BT3.3-G3		UCI224D	PC1.1	1753 x 930 x 1256	776	107
C60 D6	75	60	67	54	S3.8-G10		UCI224E	PS0500	2115 x 1044 x 1516	1145	150
C80 D6	100	80	90	72	6BTA5.9-G6		UCI224G	PC1.2	2268 x 1094 x 1576	1574	350
C100 D6	125	100	114	91	6BTA5.9-G6		UCI274C	PC1.2	2268 x 1094 x 1576	1598	350
C135 D6	169	135	153	123	6BTAA5.9-G6	-	UCI274E	PC1.2	2550 x 1100 x 1850	1635	448
C150 D6e	188	150	169	135	QSB7-G5	T3	UCI274F	PC1.2	2656 x 1100 x 1658	1572	530
C175 D6e	218	175	200	160	QSB7-G5	T3	UCI274H	PC1.2	2656 x 1100 x 1658	1670	530
C200 D6e	250	200	225	180	QSB7-G5	T3	UCI274H	PC1.2	2656 x 1100 x 1658	1670	530
C225 D6	281	225	256	205	6CTAA8.3-G2		UCDI274J	PC1301	2686 x 1300 x 1547	2000	376
C250 D6	313	250	282	225	QSL9-G5		UCDI274K	PC1.2	3086 x 1360 x 1928	2570	608
C275 D6	344	275	313	250	QSL9-G5		HCI4D	PC1.2	3086 x 1360 x 1928	2570	608
C300 D6	375	300	344	275	QSL9-G5		HCI4D	PC1.2	3086 x 1360 x 1928	2570	608
C350 D6	438	350	400	320	NTA855-G3		HCI4F	PCC2100	3549 x 1100 x 2078	3563	706
C400 D6	500	400	456	365	NTA855-G5		HCI5C	PCC2100	3549 x 1100 x 2115	3683	706
C400 D6e	500	400	455	364	QSZ13 G7	SIIIa / T3	HC5IC	PC2.2	3686 x 1160 x 2266	4053	772
C440 D6	550	440	500	400	QSZ13 G5	SII / T2	HC5IC	PC2.2	3686 x 1160 x 2266	4053	772
C450 D6e	562	450	511	409	QSX15-G9	T2	HCI5C	PC2.2	3427 x 1500 x 2066	4121	711
C500 D6e	625	500	568	455	QSX15-G9	T2	HCI5D	PC2.2	3427 x 1500 x 2066	4271	711
C600 D6	754	603	681	545	VTA28-G5		HCI5F	PC3.3	4047 x 1608 x 1942	5760	option
C750 D6	938	750	850	680	QSK23-G3		HCI6H	PCC2100	4266 x 1879 x 2052	6528	option
C800 D6	1000	800	906	725	QSK23-G3		HCI6H	PCC2100	4266 x 1879 x 2052	6528	option
C900 D6	925	1156	835	1044	QST30-G3		HCI6J	PC3.3	4297 x 1685 x 2079	7374	option
C1000 D6	1265	1012	1150	920	QST30-G4		HCI6K	PC3.3	4571 x 1702 x 2332	7374	option
C1000 D6B	1276	1020	1160	928	KTA38-G4		HCI6K	PC3.3	4470 x 1785 x 2229	8350	option

High-performance, low-reactance Cummins-manufactured alternators provide good voltage waveform and exceptional motor starting in demanding applications such as data centers, hospitals and industrial facilities.

Cooling systems are prototype-tested to provide guaranteed performance in high ambient temperatures.

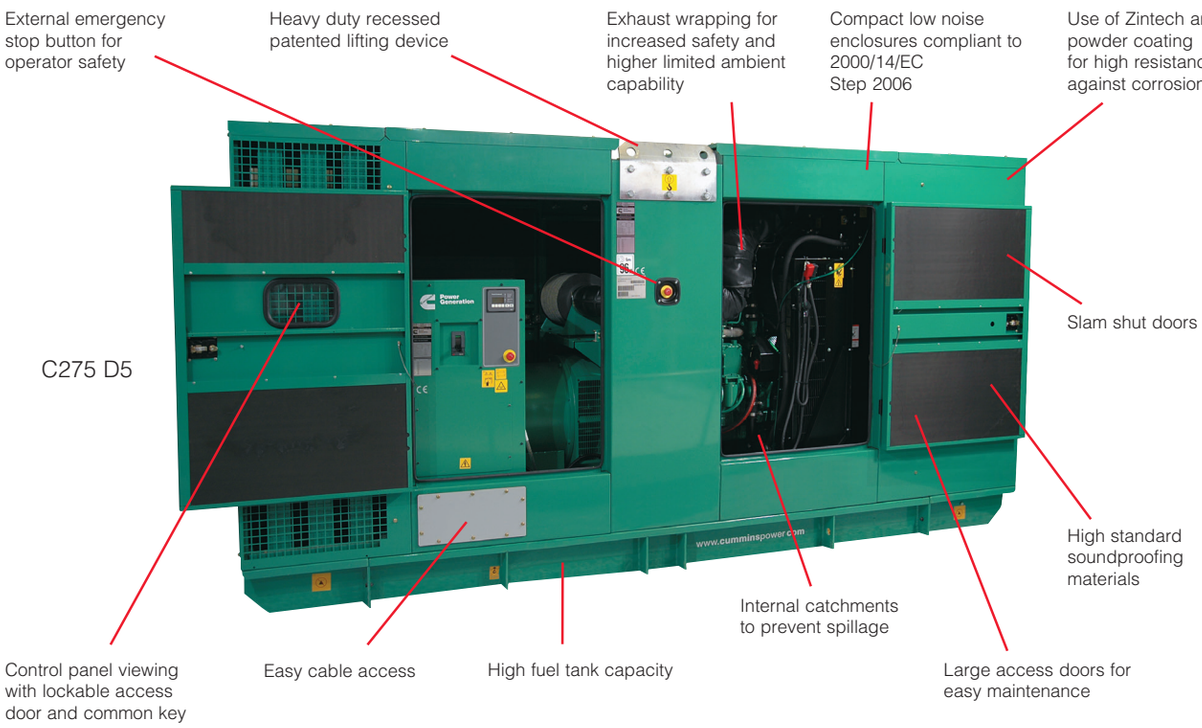
Our generator sets are controlled by the world's first fully integrated microprocessor-based control system. This seamlessly integrates governing, voltage regulation, generator set control and protection functions to provide:

- Rapid product availability
- Proven reliability and low life-cycle costs
- High efficiency and operational flexibility
- High-quality electrical performance
- Well-established service and fuel supply infrastructure

Enclosures

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

- Patented recessed lifting arrangement for easier access
- Compact footprint, low-profile design
- Easy access to all major generator and engine control components for servicing
- Fully housed, enclosed exhaust silencer ensures safety and protects against rust
- All-steel construction with stainless steel hardware offers durability
- Directly mounted to a sub-base fuel tank or lifting base
- Many options available to meet application needs
- Meet or exceed EU legislation 2000/14/EC Step 2006



Acoustical Testing Center

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

- 23,000 sq. ft of total building area
- 13000 sq. ft of Hemi-Anechoic test area
- 5000 sq. ft build area
- Fully capable of testing generator sets up to 3.3 MW
- Curved hemispherical roof – the preferred acoustical design
- Facility built following the Leadership in Energy and Environmental Design (LEED) guidelines for green building design.

Enclosed Sets - 50 Hz and 60 Hz

Pre-assembled, pre-integrated and delivered as part of the entire power system, these enclosures are designed to increase the speed of installation time and reduce cost.

Model	Standby kVA	Prime kVA	Dimensions (mm) L x W x H	Wet Weight without fuel (kg)	Sound Levels dBA @ 1m*	dBA @ 7m*	Tank (L)
50 Hz							
C8 D5	8	8	1460 x 850 x 1130	596	69	58	100
C11 D5	11	10	1460 x 850 x 1130	596	72	62	100
C17 D5	17	15	2082 x 987 x 1525	907	74	63	150
C22 D5	22	20	2082 x 987 x 1525	950	74	63	150
C28 D5	28	25	2082 x 987 x 1525	930	74	63	150
C33 D5	33	30	2242 x 967 x 1513	1235	75	65	175
C38 D5	38	35	2242 x 967 x 1513	1270	75	65	175
C44 D5	44	40	2599 x 1115 x 1838	1250	77	68	150
C44 D5e	44		2245 x 969 x 1575	1029	71	62	107
C55 D5	55	50	2599 x 1115 x 1838	1300	77	68	150
C55 D5e	55		2245 x 969 x 1575	1100	71	62	107
C66 D5	66	60	2599 x 1115 x 1838	1650	77	68	150
C90 D5	90	82	3166 x 1100 x 1981	1818	78	69	350
C110 D5	110	100	3166 x 1100 x 1981	1876.25	78	69	350
C150 D5	150	136	3520 x 1120 x 2080	2390	77	68	448
C170 D5	170	155	3520 x 1120 x 2080	2390	79	67	448
C175 D5e	175	158	3900 x 1100 x 2072	3108	77	69	464
C200 D5e	200	182	3900 x 1100 x 2072	3206	76	68	464
C220 D5e	220	200	3900 x 1100 x 2072	3206	77	69	464
C250 D5	250	227	3581 x 1360 x 2170	3296	76	68	350
C275 D5	275	250	4254 x 1424 x 2215	3924	77	69	691
C300 D5	300	275	4254 x 1424 x 2215	4147	77	69	691
C330 D5	330	300	4254 x 1424 x 2215	4147	77	69	691
C350 D5	350	320	5110 x 1563 x 2447	4798	77	70	900
C400 D5	400	360	5110 x 1563 x 2447	4975	76	69	900
C400 D5e	400		5106 x 1553 x 2447	5183	76	69	711
C450 D5e	450	409	5106 x 1553 x 2447	5426	77	69	711
C450 D5eB	450	409	5094 x 1564 x 2446	5281	77	70	834
C500 D5	500	455	5094 x 1564 x 2446	5281	77	70	834
C500 D5e	500	455	5106 x 1553 x 2447	5426	77	69	711
C550 D5e	550	500	5106 x 1553 x 2447	5576	77	70	711
60 Hz							
C12 D6	15	13	2082 x 930 x 1448	894	75	65	150
C16 D6	20	18	2082 x 930 x 1448	894	75	65	150
C20 D6	25	22	2082 x 930 x 1448	907	75	65	150
C30 D6	37.5	34	2242 x 967 x 1513	1235	75	65	175
C35 D6	43.8	40	2242 x 967 x 1513	1270	75	65	175
C40 D6	50	45	2300 x 1100 x 1650	1250	81	71	150
C40 D6	50		2245 x 969 x 1575	1029	74	64	107
C50 D6	62	56	2300 x 1100 x 1650	1300	81	71	150
C50 D6	62.5		2245 x 969 x 1575	1100	74	65	107
C60 D6	75	67	2300 x 1100 x 1650	1350	81	71	150
C80 D6	100	90	2710 x 1050 x 1853	1818	79	67	350
C100 D6	125	114	2710 x 1050 x 1853	1843	79	67	350
C135 D6	169	153	3520 x 1120 x 2080	2390	82	73	448
C150 D6e	188	169	3900 x 1100 x 2062	3108	77	69	530
C175 D6e	218	200	3900 x 1100 x 2062	3206	77	69	530
C200 D6e	250	225	3900 x 1100 x 2062	2746	77	69	530
C225 D6	281	256	3581 x 1360 x 2170	3296	84	75	376
C250 D6	313	282	4254 x 1424 x 2215	3924	80	72	691
C275 D6	344	313	4254 x 1424 x 2215	4147	80	72	691
C300 D6	375	344	4254 x 1424 x 2215	4147	80	72	691
C350 D6	438	400	5110 x 1563 x 2447	4975	81	74	900
C400 D6	500	456	5110 x 1563 x 2447	5095	81	74	900
C400 D6e	500	455	5094 x 1564 x 2446	5281	86	69	834
C440 D6	550	500	5094 x 1564 x 2446	5281	85	68	834
C450 D6e	562	511	5106 x 1553 x 2447	5292	78	71	711
C500 D6e	625	568	5106 x 1553 x 2447	5442	78	71	711

C11 D5

C55 D5e

C220 D5e

C440 D5

* @ 75% load unless otherwise stated

All levels in accordance with European Noise Directive (2000/14/EC)

Diesel Generator Sets -
1400 kVA to 3300 kVA (50 Hz) / 1250 kW to 2750 kW (60 Hz)

Power Output 50Hz Open Set

Model	Standby Ratings		Prime Ratings		DCC Ratings		Engine Model	Emissions Compilance EU/TAL/EPA	Standard Alternator	Standard Controller	Dimensions (mm) L x W x H	Wet Weight without fuel (kg)	Tank
	kVA	kW	kVA	kW	kVA	kW							(L)
C1400 D5	1400	1120	1250	1000	1250	1000	KTA50-G3		PI734B	PC3.3	5283 x 2066 x 2233	10075	option
1400 DQGAN *	1400	1120	1275	1020	1275	1020	QSK50-G4	2g / T2	PI734B	PC3.3	6381 x 2285 x 2474	16292	-
1540 DQGAH *	1540	1232	1400	1120	1400	1120	QSK50-G4	2g / T2	PI734D	PC3.3	6381 x 2285 x 2474	16592	-
1540 DQGAK *	1540	1232	1400	1120	1400	1120	QSK50-G4UR		PI734D	PC3.3	6381 x 2285 x 2474	11926	-
C1675 D5	1675	1340	1400	1120	1400	1120	KTA50-G8		PI734D	PC3.3	5690 x 2033 x 2330	10324	option
C1675 D5A	1675	1340	1500	1200	1500	1200	KTA50-GS8		PI734D	PC3.3	5690 x 2033 x 2330	10324	option
1700 DQGAG *	1700	1269	1540	1232	1540	1232	QSK50-G4 NR2	2g / T2	PI734D	PC3.3	6381 x 2285 x 2474	16882	-
1700 DQGAJ *	1700	1360	1540	1232	1540	1232	QSK50-G4UR		PI734F	PC3.3	6381 x 2285 x 2474	12184	-
C1760 D5e	1760	1408	1600	1280	1600	1280	QSK60-GS3	2g	PI734D	PCC3201	6175 x 2494 x 3422	15736	option
1825 DQGAM *	1825	1460	1650	1320	1650	1320	QSK50-G7 NR1	T2	PI734F	PC3.3	6381 x 2285 x 2474	17166	-
C2000 D5e	2000	1600	1825	1460	1825	1460	QSK60-GS3	2g	PI734F	PCC3201	6175 x 2494 x 3422	16258	option
2000 DQKAH *	2000	1600	1825	1460	1825	1460	QSK60-G11 NR2	2g / T2	PI734F	PC3.3	6759 x 2479 x 3096	16882	-
C2000 D5	2063	1650	1875	1500	1875	1500	QSK60-G3		PI734F	PCC3201	6175 x 2286 x 2537	15152	option
C2250 D5	2250	1800	2000	1600	2000	1600	QSK60-G4		PI734G	PCC3201	6175 x 2286 x 2537	15510	option
2250 DQKAG *	2250	1800	2000	1600	2000	1600	QSK60-G11 NR2	2g / T2	PI734F	PC3.3	6759 x 2479 x 3096	17526	-
C2500 D5A	2500	2000	2250	1800	2250	1800	QSK60-G8	4g	LVSI804S	PCC3201	6175 x 2494 x 3166	17217	option
2500 DQKAJ *	2500	2000	2000	1600	2250	1800	QSK60-G18 NR2	2g / T2	LVSI804S	PC3.3	6759 x 2479 x 3096	18537	-
C2750 D5	2750	2200	2500	2000	2500	2000	QSK78-G9	4g	LVSI804S	PC3.3	5671 x 2948 x 3197	18871	-
C2750 D5e	2750	2200	2500	2000	2500	2000	QSK78-G15 QSK78-G16	2g / T2	LVSI804S	PC3.3	5671 x 2948 x 3197	18871	-
C3000 D5	3000	2400	2750	2200	2750	2200	QSK78-G9	4g	LVSI804T	PC3.3	5671 x 2948 x 3197	19282	-
C3000 D5e	3000	2400	2750	2200	2750	2200	QSK78-G15 QSK78-G16	2g / T2	LVSI804T	PC3.3	5671 x 2948 x 3197	19282	-
C3300 D5	3325	2660	3000	2400	3000	2400	QSK78-G6		LVS1824G	3200	5668 x 2313 x 2300	20216	-

Power Output 60Hz Open Set

Model	Standby Ratings		Prime Ratings		DCC Ratings		Engine Model	Emissions Compilance EU/TAL/EPA	Standard Alternator	Standard Controller	Dimensions (mm) L x W x H	Wet Weight without fuel (kg)	Tank
	kVA	kW	kVA	kW	kVA	kW							(L)
C1250 D6	1588	1270	1400	1120	1400	1120	KTA50-G3		PI734B	PC3.3	5105 x 2000 x 2238	10075	option
1250 DQGAE *	1563	1250	1419	1135	1419	1135	QSK50-G5 NR2	T2	PI734B	PC3.3	6381 x 2285 x 2474	11926	-
C1500 D6	1931	1545	1608	1286	1608	1286	KTA50-G9		PI734C	PC3.3	5690 x 2033 x 2330	10326	option
1500 DQGAF *	1875	1500	1706	1365	1706	1365	QSK50-G5 NR2	T2	PI734C	PC3.3	6381 x 2285 x 2474	12184	-
1750 DQKAD *	2188	1750	2000	1600	2000	1600	QSK60-G6	T2	PI734C	PC3.3	3096 x 2479 x 6759	16882	-
C2000 D6	2000	2500	2281	1825	2281	1825	QSK60-G6		PI734F	PCC3201	6175 x 2286 x 2537	15366	option
2000 DQKAE *	2500	2000	2281	1825	2281	1825	QSK60-G6 NR2	T2	PI734F	PC3.3	3096 x 2479 x 6759	17166	-
C2250 D6A	2813	2250	NA	NA	2500	2000	QSK60-G9		PI734G	PCC3201	6175 x 2494 x 3166	17217	option
2250 DQKAF *	2813	2250	2281	1825	2500	2000	QSK60-G14 NR2	T2	PI734G	PC3.3	3096 x 2479 x 6759	18537	-
2500 DQLE *	3125	2500	2845	2275	2845	2275	QSK78-G11	T2	MVSI804S	PC3.3	6965 x 2946 x 3371	24870	-
2500 DQLC *	3125	2500	2920	2336	2920	2336	QSK78-G6		LVSI804R	PCC3201	5458 x 2251 x 2535	23000	-
2750 DQLF *	3438	2750	3125	2500	3125	2500	QSK78-G12	T2	MVSI804S	PC3.3	7720 x 3358 x 3875	26508	-
2750 DQLD *	3438	2750	3125	2500	3125	2500	QSK78-G8		LVSI804S	PCC3201	5458 x 2251 x 2535	23000	-

Models with (*) are Cummins models that are qualified for seismic application, in accordance with IBC 2000, IBC 2003, IBC 2006, IBC 2009, IBC 2012.

PowerBox - 50 Hz and 60 Hz

Designed with serviceability and durability in mind, the PowerBox is available in two sizes and is noise-level compliant with EC regulations 2000/14/EC Step 2006 and includes 4 x ISO corner and pole slots for shipment.

- 20'/40' ISO container (CSC certified)
- Acoustic baffles for the air inlet and outlet
- Sandwich mineral wool attenuation
- Fuel tank optional
- Wooden internal floor
- 2 side doors with recessed stainless steel hinges
- 24 volt lighting with timer
- Residential silencer with stainless steel flexible bellows

PowerBox 20S PowerBox 40S

Model	Power Output/ Rating	PowerBox Model	Tank (Optional)	Dimensions	Silent Power dBA @ 1m*	dBA @ 7m*
50 Hz						
C700 D5	700 kVA	PB-20S	500L	20' ISO	79	72
C825 D5A	825 kVA	PB-20S	500L	20' ISO	TBA	TBA
C1000 D5	1000 kVA	PB-20S	500L	20' ISO	84	77
C1100 D5B	1100 kVA	PB-40S	500L, 2000L	40' ISO HC	82	77
C1400 D5	1400 kVA	PB-40S	500L, 2000L	40' ISO HC	82	77
C1675 D5	1675 kVA	PB-40S	500L, 2000L	40' ISO HC	82	77
C1675 D5A	1675 kVA	PB-40S	500L, 2000L	40' ISO HC	82	77
60 Hz						
C600 D6	600 kW	PB-20S	500L	20' ISO	83	76
C900 D6	900 kW	PB-20S	500L	20' ISO	90	84
C1000 D6B	1000 kW	PB-40S	500L, 2000L	40' ISO HC	TBA	TBA
C1250 D6	1250 kW	PB-40S	500L, 2000L	40' ISO HC	TBA	TBA
C1500 D6	1500 kW	PB-40S	500L, 2000L	40' ISO HC	TBA	TBA

* @ 75% load unless otherwise stated

Rental Power

The Cummins Rental range is designed to the unique requirements of the Rental industry providing robust build quality and ultimate reliability.

Model Name	Prime Rating 50 Hz		Prime Rating 60 Hz		Engine Model	Emissions Compliance EU Stage	Alternator		Controller		LWA	Sound level dB @ 1m 75% load
	KVA	KW	kVA	kW			STD	OPT	STD	OPT		
C100 D2R	100	80	110	90	QSB5G5	SIIIA	UC274C		PC1.1	DSE7310, COMAP MRS16	95	76
C150 D2R	150	120	169	135	QSB7G5	SIIIA	UC274F		P1.2	PC3.3, PC3.3 MLD	95	75
C200 D2R	200	160	225	180	QSB7G5	SIIIA	UC274H		P1.2	PC3.3, PC3.3 MLD	95	75
C250 D2R	250	200	281	225	QSL9G3	SIIIA	UC274K	HC4D	P1.2	PC3.3, PC3.3 MLD	97	77
C300 D2R	300	240	344	275	QSL9G7	SIIIA	HC4D		PC3.3 MLD	PC3.3	97	76
C1000 D2R	1000	800	1138	930	KTA38G14	UR	HCI634K		PC3.3 MLD	PC3.3	113	92
C1250 D2R	1258	1006	1400	1120	KTA50G3	UR	P7B		PC3.3 MLD	PC3.3	113	92

UR = Unregulated. MLD = Masterless Load Demand.

Our Rental generator sets are designed to increase profitability for the operator by improving up-time with more built-in features as standard, easy maintenance, flexible transportation options and greater reliability.

Standard Features:

- Low noise
- 110% Spillage containment
- Zero-maintenance batteries
- Heavy duty air & fuel filters
- Dual frequency
- Robust canopy designs improve accessibility and corrosion protection
- Operational capability to 50°C Limiting Ambient Temperature (LAT)
- Large autonomy fuel tanks
- 3 Way fuel valve with quick release fuel couplings
- Robust build quality & easy serviceability
- Transport-optimized dimensions
- Single point lift up to 100 kVA
- Fork lift pockets & drag bars up to 300 kVA
- 1 Year Unlimited Hours base warranty

Optional Features:

- Factory fitted EU socket packs
- Standard autonomy fuel tanks
- Paralleling control options
- Charger & Heaters
- Spark arrestor
- Air shut off valve
- Utilities pack

*Check with factory, not all features are available on all models.

C100 D2R

C250 D2R/C300 D2R

C1250 D2R

Lean-Burn Gas 995 kW to 2 MW

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 Power Solutions Group of Cummins 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	Continous Rating kWe	Standby Rating kWe	Engine	Alternative Fuels Capability
50Hz				
C995N5C	995	–	QSK60G	–
C1160N5C	1160	–	QSK60G	–
C1200N5C	1200	–	QSK60G	–
C1400N5C	1400	–	QSK60G	–
C1540N5C	1540	–	QSV91G	•
C1750N5C	1750	–	QSV91G	•
C2000N5C	2000	–	QSV91G	•
60Hz				
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 - Not Available

For more information: now.cumminspower.com/gas

Pioneering power from anaerobic digestion

When Nocton Fen Farm in Lincolnshire, UK wanted to generate power from its own anaerobic digesters, Cummins ESB delivered a complete power package utilizing a 2 MW lean-burn low BTU gas generator set. Designed to significantly reduce oxides of nitrogen (NOx) emissions, this fuel-efficient unit supplies prime power to the farm and 2 MWe to the grid, providing the client with one of the largest waste-to-energy solutions of its kind in the UK.

Renewable fuel for cogeneration

Cummins ESB North America enabled Columbus Water Works in Georgia, USA to combine its conversion of waste gas from its wastewater treatment with high-performance cogeneration. The plant, centered on two 1.75 MW lean-burn gas generator sets, can run on digester and natural gas and operates 4,000 hours a year, delivering reliable, environmentally-friendly electrical and thermal energy to the site and grid.

Columbus Water Works provides water treatment for 230,000 residents

PowerCommand® Generator Set Controls

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

Only generator sets from Cummins 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	PCC1301	PC1.1/1.2	PCC2100	PC2.2	PCC3201	PC3.3
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 and 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	PCC1301	PC1.1/1.2	PCC2100	PC2.2	PCC3201	PC3.3
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	-	•	•	-	•	-	•
Over Current	-	•	•	•	•	•	•
Overload	-	•	•	-	•	-	•
Paralleling Capability							
Auto Synchronizing (Isolated Bus)	-	-	-	-	-	□	•
kW & VAr Load Sharing Control	-	-	-	-	-	□	•
Auto Synchronizing (Utility Bus)	-	-	-	-	-	□	•
Base Load	-	-	-	-	-	□	•
Synchroscope	-	-	-	-	-	□	•
Peak Lopping	-	-	-	-	-	-	•
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	•	•	•	•	•	•	•
Controller Inputs/Outputs							
Digital Inputs (shutdown, warning or status)	1	2	4	4	4	4	4
Relay Outputs	1	2	2	4	4	4	4
Configurable Input/Output	-	□	□	□	□	□	□

• Standard □ Option - Not Available


PCC1301/PC 1.1


PCC2100


PCC3201


PC 1.2/2.2


PC 3.3

Automatic Transfer Switches

PowerCommand® automatic transfer switches interconnect 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:

- 40-2000A GTEC switches are third-party certified as meeting IEC 60947-6-1 AC31A
- All GTEC switches bear the CE mark
- OTPC, BTPC and CHPC 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 to 1000 amps

Closed-transition transfer switches

For critical applications where even a momentary loss of power makes a difference, closed transition provides make-before-break transfer between live sources by momentarily paralleling the two sources.

Automatic Transfer Switches

● Standard □ Option - Not Available

Main Features	Automatic Transfer Switches			
	GTEC	OTPC	BTPC	CHPC/OHPC
Specifications				
Duty	Light	Heavy	Heavy	Heavy
Amp Range	40 - 2000	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 480 VAC	up to 600 VAC	up to 600 VAC	up to 600 VAC
Phases	1 or 3	1 or 3	1 or 3	1 or 3
Frequency	50 or 60 Hz	50 or 60Hz	50 or 60 Hz	50 or 60 Hz
Poles	2,3,4	3,4	3,4	2,3,4
Warranty	1 year	up to 10 years	up to 10 years	up to 10 years
Operating Temperature Range (°C)	-30 to 60 °C	-40 to 60 °C	-40 to 60 °C	-40 to 60 °C
Switch Mechanism				
Open Transition	●	●	●	●
Closed Transition	-	-	★	●
Closed Transition 1000 to 4000 Amps	-	●	●	-
Programmed Transition	●	●	●	●
Bypass Isolation - Open Transition	-	-	●	-
Bypass Isolation - Closed Transition	-	-	□	-
Bypass Isolation - Programmed Transition	-	-	□	-
Utility-to-Genset	●	●	●	●
Utility-to-Utility	-	●	●	-
Genset-to-Genset	●	●	●	-
Mechanical Interlock	●	● †	● †	● †
Load Monitoring	-	□	□	□
WCR with Specified Circuit Breakers	25 - 65 kA	14-100 kA	30-100kA	42-85 kA
WCR with Current Limiting Fuses	25 - 65 kA	200 kA	200 kA	200 kA
Manual Operation	Yes	Yes	Yes	Yes
Control				
Type of Control	Basic Micro	PCC L1	PCC L2	PCC 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	●	●	●
Electrical Isolation from AC - Mains	High Impedance	Transformer	Transformer	Transformer
O/U Voltage Sensing Utility	●	●	●	●
O/U Voltage Sensing Generator	U/V Only	●	●	●
Voltage Sensing Accuracy	+/-2%	+/-2%	+/-2%	+/-2%
O/U Frequency Sensing Utility	●	●	●	●
O/U Frequency Sensing Generator	U/F Only	●	●	●
Voltage Imbalance	-	Level 2 Cont	●	●
Phase Rotation	-	Level 2 Cont	●	●
Loss of single phase	-	Level 2 Cont	●	●
Transfer Normal to Emergency (time)	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
Engine Start Delay (adjustable)	0 - 10 secs	0 - 120 secs	0 - 120 secs	0 - 120 secs
Time Delay to Engine Stop	0 - 30 mins	0 - 30 mins	0 - 30 mins	0 - 30 mins
Programmed Transition (time)	0 - 10 secs	0 - 60 secs	0 - 60 secs	0 - 60 secs
Fail to Disconnect Timer (closed transition)	-	-	●	●
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	-	●	●	●

★ Available for BTPC Closed transition 1000 to 4000 Amps

† Disabled during closed transition

PowerCommand® 500/550 Remote Monitoring System

Have peace of mind knowing your backup power system can be monitored from anywhere, at any time.

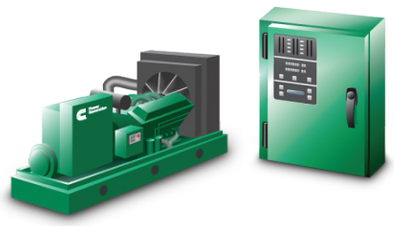
Through seamless integration with PowerCommand® generator set and transfer switch controls, as well as expansion I/O modules, the PowerCommand® 500/550 remote monitoring system reduces configuration and installation time.

Authorized users can monitor and control their power system using a straightforward graphical interface, thus minimizing downtime and maximizing system performance.

All data and events are stored for future access, whenever and wherever the user may need it.

Ideal solution for remotely monitoring your integrated power system.

Compatible with Cummins equipment, third-party equipment, sensors and output controls while offering multiple ways to view data and receive notifications.



POWER SYSTEM

- Cummins generator sets and transfer switches
- Third-party generator sets and transfer switches
- Sensors and output controls

WEB-BASED USER INTERFACE

- Access the user interface from any PC, Mac or Windows 8 tablet

EVENT NOTIFICATION

- SMS/Text
- SMTP/Email
- SNMP/Traps

Digital Paralleling Systems & Switchgear

PowerCommand® paralleling systems are operated by DMC Digital Master Controls that interface directly with PowerCommand® controller generator set 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 organisation.

Demonstrated Reliability

Integrated paralleling in the generator set controls offers fast synchronising. Any number of diesel generator sets can be synchronised in less than 10 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
- Any number of diesel generator sets can be synchronised in less than 10 seconds

DMC1500

Switchgear

DMC300

Digital Paralleling Systems & Switchgear

PowerCommand® paralleling systems are designed around dedicated-purpose controllers that are prototype-tested for reliability and performance.

Category	Feature	DMC1000		DMC1500		ETO DMC200	ETO DMC300
		Isolated Bus	Infinite Bus	Isolated Bus	Infinite Bus	Isolated Bus	Infinite Bus
Custom Features	Custom engineering required	-	-	-	-	□	□
Genset Controller	PowerCommand® 3100	•	•	•	•	•	•
	PowerCommand® 3200	•	•	•	•	•	•
	PowerCommand® 3201	•	•	•	•	•	•
	PowerCommand® 3300	•	•	•	•	•	•
System Start	Common system start directly to genset (bypasses PLC or MCM)	•	•	-	-	□	□
	Common system start to genset based on DMC utility monitoring	-	•	•	•	□	□
	Enable/Disable automatic start signal when system is in manual	-	-	•	•	-	-
	Manual start and breaker open/close control of individual gensets from HMI	-	-	□	□	•	•
Genset Paralleling	Parallel up to 4 gensets	•	•	•	•	•	•
	Parallel up to 8 gensets	-	-	□	□	•	•
	Parallel more than 8 gensets (requires custom touchscreen development)	-	-	-	-	□	□
Load Demand	Fixed Sequence, non-PCC3300	•	-	•	-	•	□
	Run Hour Sequence, non-PCC3300	•	-	•	-	□	□
	Fixed Sequence, PCC3300	•	-	•	•	•	□
	Run Hour Sequence, PCC3300	•	-	•	•	□	□
	Multiple Load 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	-	-	-	-	•	•
4 - 20mA IO	4 Channel Input and 4 Channel output	-	-	-	-	□	□
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 Bus kW (Open Loop/Base Load)	-	-	-	-	-	•
	Individual Genset kW Loop/Base Load)	-	-	-	-	-	□
	Genset Bus kW (Closed Loop)	-	•	-	•	-	□
	Genset Bus kW with Utility Constraint (Closed Loop/ Base Load with export limit)	-	•	-	•	-	□
	Utility Bus kW (Closed Loop/Peak Shave)	-	•	-	•	-	□
	Genset 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	Auto Peak Shave or Base Load	-	•	-	•	-	□
Power Transfer Transitions	Open Transition	-	•	-	•	•	•
	Hard Closed Transition <100 ms	-	□*	-	□*	-	□*
	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 Tine Trending	-	-	•	•	•	•
	Historical Trending	-	-	•	•	□	□
	Modbus RTU R5485 BMS Interface	•	•	□	□	□	□
	Modbus RTU R232	-	-	□	□	□	□
	Modbus TCP/IP over Ethernet BMS Interface	-	-	□	□	□	□
	Remote monitoring with alarm paging and email	-	-	-	-	□	□
	Supervisory Monitoring Station for onsite/off-site power systems	-	-	-	-	□	□
	System Annunciator(s)	-	-	-	-	•	•
	Audible Alarm	•	•	•	•	•	•
	Diagnostics	•	•	•	•	•	•
Operator Interface	HMI 211 Operator Interface	•	•	-	-	-	-
	15" Colour Touch Screen	-	-	•	•	•	•
	19" Colour Touch Screen	-	-	-	-	□	□
	42" Colour Touch Screen	-	-	-	-	□	□
Redundant CPU	Hot Standby Redundant CPU	-	-	-	-	□	□
Reports	Alarm History	-	-	•	•	•	•
Certification	CE Mark	•	•	•	•	•	•

● Standard □ Option - Not Available *Only with Cummins supplied switchgear

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.

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

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.

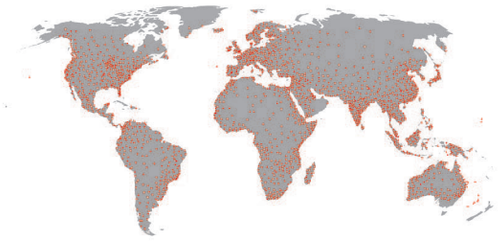
Data Center Continuous (DCC):

Is defined as the maximum power which the generator is capable of delivering continuously to a constant or varying electrical load for unlimited hours in a data center application.

Extending your peace of mind with our suite of Extended Warranty Options

Every one of our generator sets is covered by a base warranty for round-the-year reliability. To further safeguard your investment, we'll extend that protection to cover every major component in our generator sets anywhere in the world. You can choose from our suite of extended warranty coverage or packages that last for either two years, five years or ten years to suit your specific needs before the original guarantee comes to an end.

For further details on all Extended Warranty options, please contact your local Cummins distributor.



Cummins Power Generation's global operations include 48,000 employees in 190 countries, with 88 manufacturing facilities, 6,000 sales and service centers and 600 distributor locations.

KAMA Authorized Reseller Locations:

No. 511 Waizayanar Main Rd,
(4) Quarter,near Parami Road,
South Okkalapa Township,
Yangon
(Cargo Stockist & Whole Sale)

Corner of Chintwin Rd and Awaiyar Road,
(front of Yadana Bus Terminal),
Dagon Seikkan Township,
Yangon,
(Cummin's Center including: Office,
Training, Whole Sale, 4S Shop, Overhaul
Workshop)

Building 34 Room-2 Myawaddy Lane (1),
Bayintnaung,
Mayangone Township,
(south of Bayintnaung Car Spare Parts
Market)
Yangon

No. 35 Waizayanar Main Rd,
(near Thitsar Road, main road traffic light)
(9) Quarter
South Okkalapa Township,
Yangon

Thuminglar Road,
(beside Railway & Thuminglar Avenue,
Thingangyune Township,
Yangon
(Showroom)

No. 167 Bayintnaung Main Road,
(2)Quarter,
Hlaing Township,
Yangon
(Showroom)

No. (B/101),
(FMI City)
Hlaing Thar Yar Township,
Yangon
(Showroom)

No. 162 U Aungthu Road,
Hlaing Thar Yar Zone (2),
Yangon
(Workshop)

No. (45/108), No-4 Main Road,
Shwe Pyi Thar Township,
Yangon
(Workshop)

No. (D-1), Yangon-Mandalay Main Road
(78 Main Road)
Chanmyatharsi Township,
Mandalay
(Showroom & Workshop)

No. 35/36/37/38/39/40,
West Round-Road,
Taungyi City

1 km after Pegu Toll Gate
(between Yangon & Pegu), Pegu
City

Famous factory,
Mawlamyaing - Yay Main Road,
Mawlamyaing City

No. 44 Pulugone Block,
Thapyaychaung Vallage,
Ye-Dawei MainRoad,
Dawei City

No. 30, Sabar Shwe War Streett,
Myeik City

Phone:
- 09-500-1342
- 09-77777-8862

Service Hot Line:
- 09-3226-0000
- 09-3226-5555

Workshop:
- 09-777-852-777
- 09-777-853-777

WeChat:
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- KAMAmyanmay

Viber:
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- KAMAyangon@gmail.com
- 3213024629@qq.com

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www.KAMAindustry.com

For more information contact your local Cummins distributor. To find the one nearest you visit power.cummins.com

All information contained within this document was correct at time of printing and may be subject to change.
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