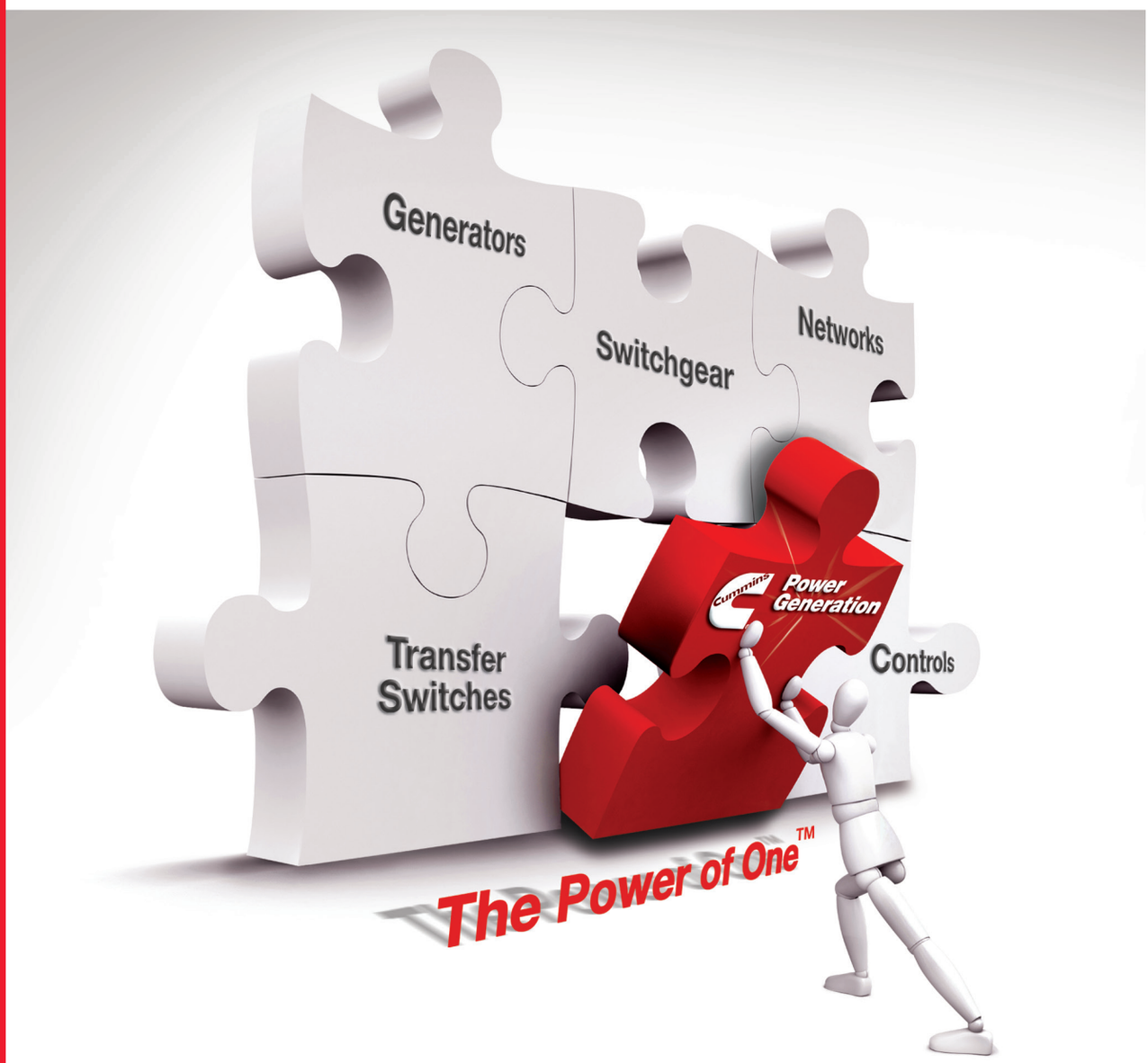
Our energy working for you.™

Power Generation

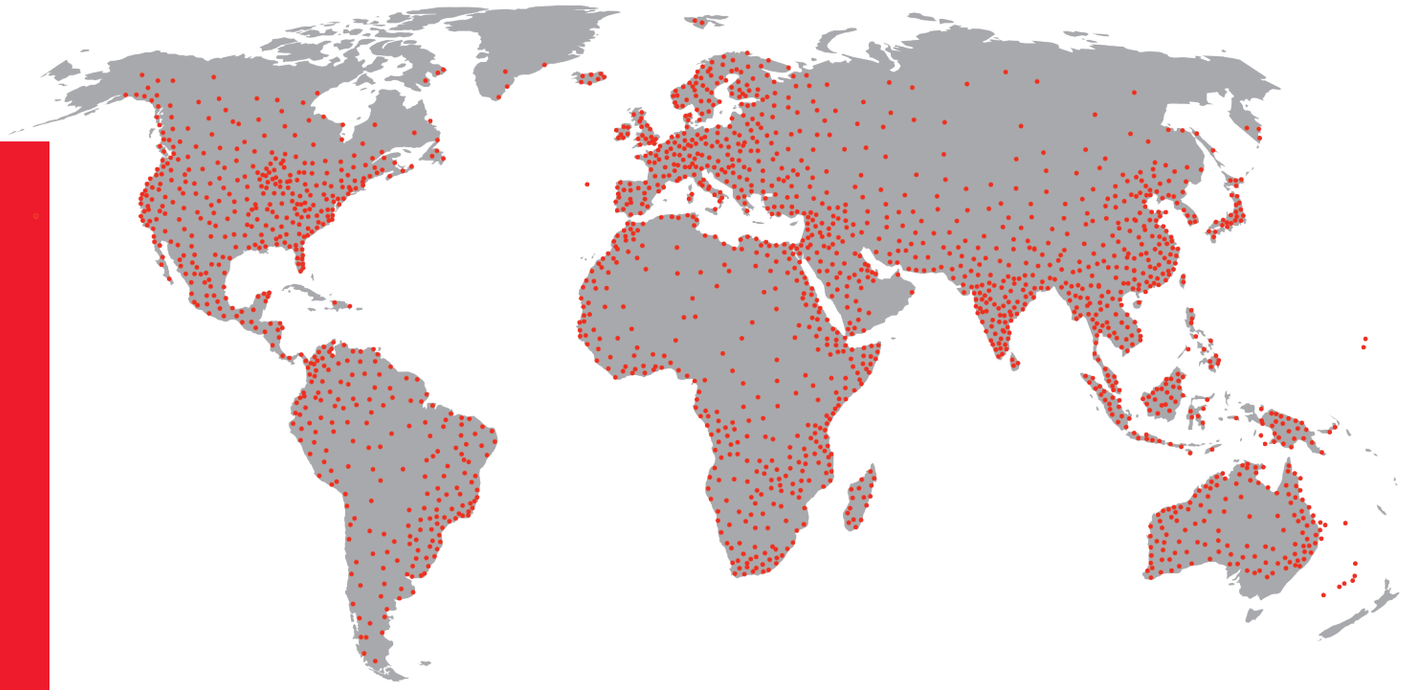
Full Product Line Europe, Middle East, Russia and Africa

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 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.

- 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

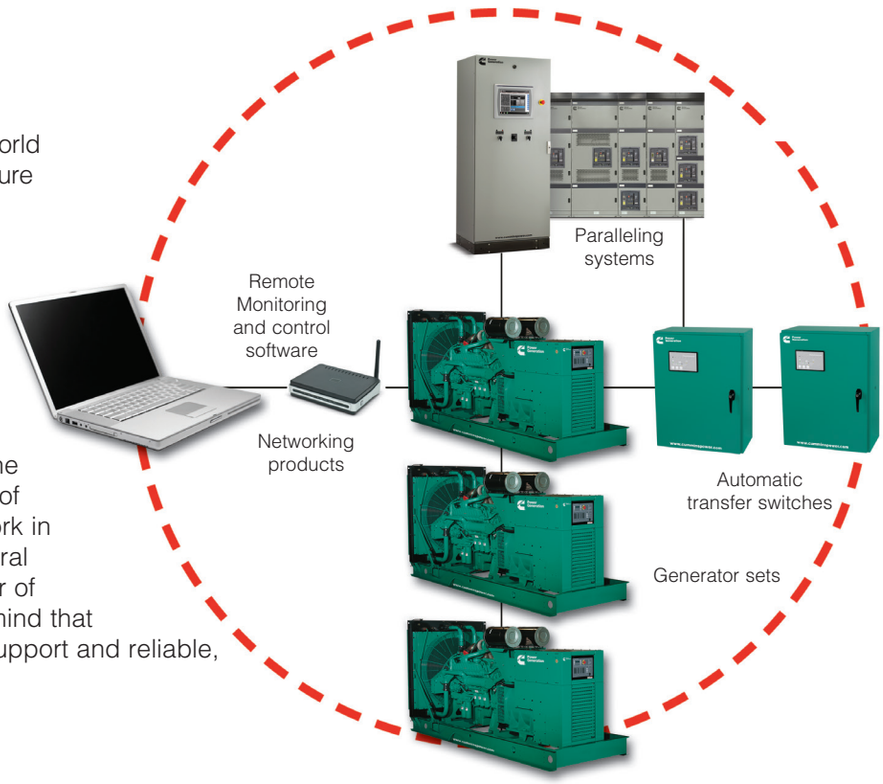
Our global network of 600 distributors and 6,000 sales and service outlets across 190 countries guarantees a face-to-face relationship wherever our products are operating, providing you with fast access to reliable service, engineering expertise and parts support.

Total solutions provider

Cummins Power Generation 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 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 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 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 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 Power Generation 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.

Cummins Power Generation guarantees the town's mains electricity supply

KAMSAR, GUINEA - Compagnie des Bauxites de Guinée (CBG) is the largest bauxite exporter in the world, with exclusive rights to develop all bauxite reserves in Guinea, West Africa - equating to approximately 300 million tonnes or a third of the world's total reserves.

CBG commissioned five C825 D5 generator sets with switchgear and paralleling system. The generator sets feature a rugged 4-cycle industrial QSK23 diesel engine delivering reliable power at low emissions, ideally suited for the remote location and local environmental considerations.

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	1.1	1753 x 930 x 1250	875	175
C38 D5	38	30.4	35	28	X3.3-G1		PI144H	1.1	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
C44 D5e	44	35.2	40	32	4BT3.3-G3	II	UCI224C	1.1	1753 x 930 x 1256	776	107
C55 D5e	55	44	50	40	4BT3.3-G3	II	UCI224D	1.1	1753 x 930 x 1256	776	107
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	1.2	2268 x 1094 x 1576	1555	350
C110 D5	110	88	100	80	6BTA5.9-G5		UCI274C	1.2	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	1.2	2656 x 1100 x 1658	1572	464
C200 D5e	200	160	182	146	QSB7-G5	IIIA / T3	UCI274H	1.2	2656 x 1100 x 1658	1670	464
C220 D5e	220	176	200	160	QSB7-G5	IIIA / T3	UCI274H	1.2	2656 x 1100 x 1658	1670	464
C250 D5	250	200	227	182	6CTAA8.3-G2	4g	UCDI274J	1301	2686 x 1300 x 1547	2000	350
C275 D5	275	220	250	200	QSL9-G5	4g	UCDI274K	1.2	3135 x 1100 x 1928	2347	608
C300 D5	300	240	275	220	QSL9-G5	4g	HCI4D	1.2	3549 x 1100 x 1928	2570	608
C330 D5	330	264	300	240	QSL9-G5	4g	HCI4D	1.2	3135 x 1100 x 1928	2570	608
C350 D5	350	280	320	256	NT855-G6		HCI4E	2100	3549 x 1100 x 2078	3386	706
C400 D5	400	320	360	288	NTA855-G4		HCI4F	2100	3549 x 1100 x 2078	3571	706
C400 D5e	400	320	364	291.2	QSX15-G8	II	HCI4F	2.2	3427 x 1500 x 2066	3878	711
C440 D5	440	352	400	320	NTA855-G7		HCI5C	2100	3549 x 1100 x 2115	3683	706
C450 D5e	450	360	409	327.2	QSX15-G8	II	HCI5C	2.2	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	2.2	3427 x 1500 x 2066	4121	711
C550 D5e	550	440	500	400	QSX15-G8	II	HCI5D	2.2	3427 x 1500 x 2066	4975	711
C700 D5	706	565	640	512	VTA28-G5		HCI5F	3.3	4047 x 1608 x 1942	5760	option
C825 D5A	825	660	750	600	VTA28-G6		HCI6G	3.3	4047 x 1608 x 2187	6040	option
C825 D5	825	660	750	600	QSK23-G3		HCI6G	2100	4266 x 1879 x 2052	6528	option
C900 D5	900	720	820	656	QSK23-G3		HCI6H	2100	4266 x 1879 x 2052	6680	option
C1000 D5	1041	833	939	751.2	QST30-G3		HCI6J	3.3	4297 x 1685 x 2079	6296	option
C1100 D5	1110	888	1000	800	QST30-G4		HCI6K	3.3	4417 x 2000 x 2387	7374	option
C1100 D5B	1132	906	1029	823	KTA38-G5		HCI6K	3.3	4470 x 1785 x 2229	8350	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	1.1	1753 x 930 x 1250	875	175
C35D6	43.8	35	40	32	X3.3-G2		PI144H	1.1	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	1.1	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	1.1	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	1.2	2268 x 1094 x 1576	1574	350
C100 D6	125	100	114	91	6BTA5.9-G6		UCI274C	1.2	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	1.2	2656 x 1100 x 1658	1572	530
C175 D6e	218	175	200	160	QSB7-G5	T3	UCI274H	1.2	2656 x 1100 x 1658	1670	530
C200 D6e	250	200	225	180	QSB7-G5	T3	UCI274H	1.2	2656 x 1100 x 1658	1670	530
C225 D6	281	225	256	205	6CTAA8.3-G2		UCDI274J	1301	2686 x 1300 x 1547	2000	376
C250 D6	313	250	282	225	QSL9-G5		UCDI274K	1.2	3086 x 1360 x 1928	2570	608
C275 D6	344	275	313	250	QSL9-G5		HCI4D	1.2	3086 x 1360 x 1928	2570	608
C300 D6	375	300	344	275	QSL9-G5		HCI4D	1.2	3086 x 1360 x 1928	2570	608
C350 D6	438	350	400	320	NTA855-G3		HCI4F	2100	3549 x 1100 x 2078	3563	706
C400 D6	500	400	456	365	NTA855-G5		HCI5C	2100	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	2.2	3427 x 1500 x 2066	4121	711
C500 D6e	625	500	568	455	QSX15-G9	T2	HCI5D	2.2	3427 x 1500 x 2066	4271	711
C600 D6	754	603	681	545	VTA28-G5		HCI5F	3.3	4047 x 1608 x 1942	5760	option
C750 D6	938	750	850	680	QSK23-G3		HCI6H	2100	4266 x 1879 x 2052	6528	option
C800 D6	1000	800	906	725	QSK23-G3		HCI6H	2100	4266 x 1879 x 2052	6528	option
C900 D6	925	1156	835	1044	QST30-G3		HCI6J	3.3	4297 x 1685 x 2079	7374	option
C1000 D6	1265	1012	1150	920	QST30-G4		HCI6K	3.3	4571 x 1702 x 2332	7374	option
C1000 D6B	1276	1020	1160	928	KTA38-G4		HCI6K	3.3	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.

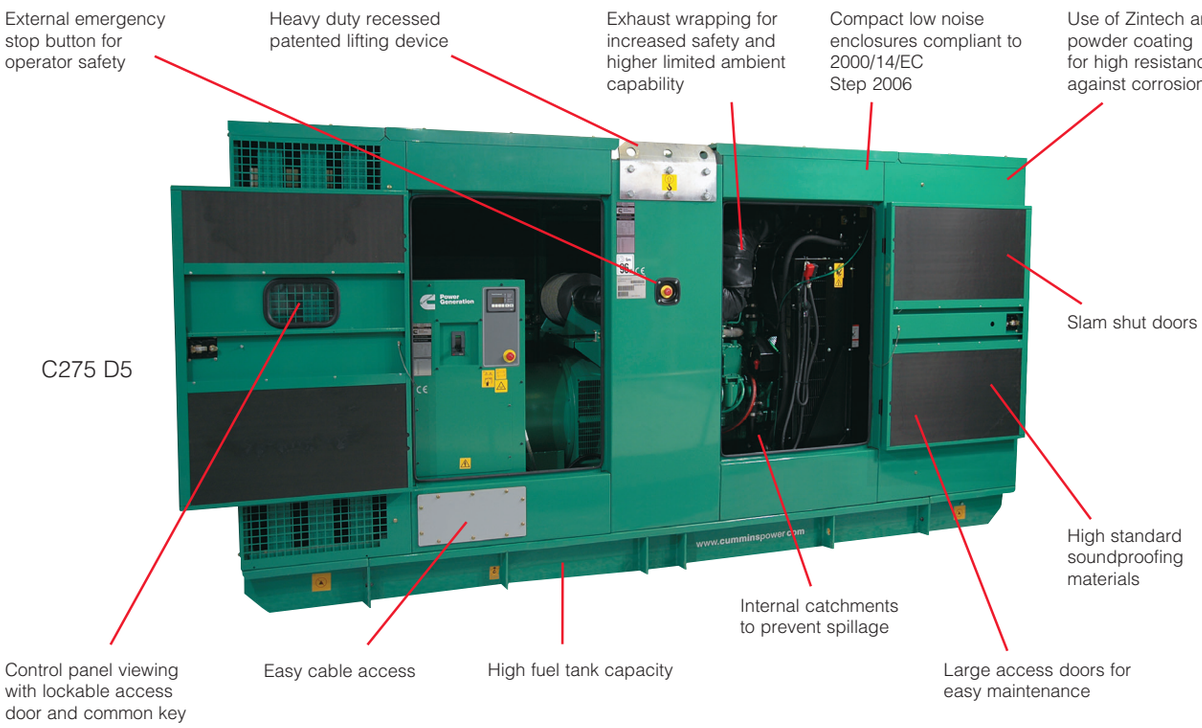
Our generator sets are controlled by the world's first fully integrated microprocessor-based control system. This seamlessly integrates governing, voltage regulation, generator set control and protection functions to provide:

- 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 Power Generation 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 Power Generation in Fridley, Minnesota, U.S., is the largest engine 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	Dimensions (mm) L x W x H	Wet Weight without fuel (kg)	Sound Levels dBA @ 1m*	Sound Levels dBA @ 7m*	Tank (L)
50 Hz						
C8 D5	8	1460 x 850 x 1130	596	69	58	100
C11 D5	11	1460 x 850 x 1130	596	72	62	100
C17 D5	17	2082 x 987 x 1525	907	74	63	150
C22 D5	22	2082 x 987 x 1525	950	74	63	150
C28 D5	27.5	2082 x 987 x 1525	930	74	63	150
C33 D5	33	2242 x 967 x 1513	1235	75	65	175
C38 D5	38	2242 x 967 x 1513	1270	75	65	175
C44 D5	44	2599 x 1115 x 1838	1250	77	68	150
C44 D5e	44	2245 x 969 x 1575	1029	71	62	107
C55 D5	55	2599 x 1115 x 1838	1300	77	68	150
C55 D5e	55	2245 x 969 x 1575	1100	71	62	107
C66 D5	66	2599 x 1115 x 1838	1650	77	68	150
C90 D5	90	3166 x 1100 x 1981	1818	78	69	350
C110 D5	110	3166 x 1100 x 1981	1876.25	78	69	350
C150 D5	150	3520 x 1120 x 2080	2390	77	68	448
C170 D5	170	3520 x 1120 x 2080	2390	79	67	448
C175 D5e	175	3900 x 1100 x 2072	3108	77	69	464
C200 D5e	200	3900 x 1100 x 2072	3206	76	68	464
C220 D5e	220	3900 x 1100 x 2072	3206	77	69	464
C250 D5	250	3581 x 1360 x 2170	3296	76	68	350
C275 D5	275	4254 x 1424 x 2215	3924	77	69	691
C300 D5	300	4254 x 1424 x 2215	4147	77	69	691
C330 D5	330	4254 x 1424 x 2215	4147	77	69	691
C350 D5	350	5110 x 1563 x 2447	4798	77	70	900
C400 D5	400	5110 x 1563 x 2447	4975	76	69	900
C400 D5e	400	5106 x 1553 x 2447	5183	76	69	711
C450 D5e	450	5106 x 1553 x 2447	5426	77	69	711
C450 D5eB	450	5094 x 1564 x 2446	5281	77	70	834
C500 D5	500	5094 x 1564 x 2446	5281	77	70	834
C500 D5e	500	5106 x 1553 x 2447	5426	77	69	711
C550 D5e	550	5106 x 1553 x 2447	5576	77	70	711
60 Hz						
C12 D6	15	2082 x 930 x 1448	894	75	65	150
C16 D6	20	2082 x 930 x 1448	894	75	65	150
C20 D6	25	2082 x 930 x 1448	907	75	65	150
C30 D6	37.5	2242 x 967 x 1513	1235	75	65	175
C35 D6	43.8	2242 x 967 x 1513	1270	75	65	175
C40 D6	50	2300 x 1100 x 1650	1250	81	71	150
C40 D6	50	2245 x 969 x 1575	1029	74	64	107
C50 D6	62	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	2300 x 1100 x 1650	1350	81	71	150
C80 D6	100	2710 x 1050 x 1853	1818	79	67	350
C100 D6	125	2710 x 1050 x 1853	1843	79	67	350
C135 D6	169	3520 x 1120 x 2080	2390	82	73	448
C150 D6e	188	3900 x 1100 x 2062	3108	77	69	530
C175 D6e	218	3900 x 1100 x 2062	3206	77	69	530
C200 D6e	250	3900 x 1100 x 2062	2746	77	69	530
C225 D6	281	3581 x 1360 x 2170	3296	84	75	376
C250 D6	313	4254 x 1424 x 2215	3924	80	72	691
C275 D6	344	4254 x 1424 x 2215	4147	80	72	691
C300 D6	375	4254 x 1424 x 2215	4147	80	72	691
C350 D6	438	5110 x 1563 x 2447	4975	81	74	900
C400 D6	500	5110 x 1563 x 2447	5095	81	74	900
C400 D6e	500	5094 x 1564 x 2446	5281	86	69	834
C440 D6	550	5094 x 1564 x 2446	5281	85	68	834
C450 D6e	562	5106 x 1553 x 2447	5292	78	71	711
C500 D6e	625	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	3.3	5283 x 2066 x 2233	10075	option
1400 DQGAN *	1400	1120	1275	1020	1275	1020	QSK50-G4	2g / T2	PI734B	3.3	6381 x 2285 x 2474	16292	-
1540 DQGAH *	1540	1232	1400	1120	1400	1120	QSK50-G4	2g / T2	PI734D	3.3	6381 x 2285 x 2474	16592	-
1540 DQGAK *	1540	1232	1400	1120	1400	1120	QSK50-G4UR		PI734D	3.3	6381 x 2285 x 2474	11926	-
C1675 D5	1675	1340	1400	1120	1400	1120	KTA50-G8		PI734D	3.3	5690 x 2033 x 2330	10324	option
C1675 D5A	1675	1340	1500	1200	1500	1200	KTA50-GS8		PI734D	3.3	5690 x 2033 x 2330	10324	option
1700 DQGAG *	1700	1269	1540	1232	1540	1232	QSK50-G4	2g / T2	PI734D	3.3	6381 x 2285 x 2474	16882	-
1700 DQGAJ *	1700	1360	1540	1232	1540	1232	QSK50-G4UR		PI734F	3.3	6381 x 2285 x 2474	12184	-
C1760 D5e	1760	1408	1600	1280	1600	1280	QSK60-GS3	2g	PI734D	3201	6175 x 2494 x 3422	15736	option
1825 DQGAM *	1825	1460	1650	1320	1650	1320	QSK50-G7	T2	PI734F	3.3	6381 x 2285 x 2474	17166	-
C2000 D5e	2000	1600	1825	1460	1825	1460	QSK60-GS3	2g	PI734F	3201	6175 x 2494 x 3422	16258	option
2000 DQKAH *	2000	1600	1825	1460	1825	1460	QSK60-G11	2g / T2	PI734F	3.3	6759 x 2479 x 3096	16882	-
C2000 D5	2063	1650	1875	1500	1875	1500	QSK60-G3		PI734F	3201	6175 x 2286 x 2537	15152	option
C2250 D5	2250	1800	2000	1600	2000	1600	QSK60-G4		PI734G	3201	6175 x 2286 x 2537	15510	option
2250 DQKAG *	2250	1800	2000	1600	2000	1600	QSK60-G11	2g / T2	PI734F	3.3	6759 x 2479 x 3096	17526	-
C2500 D5A	2500	2000	2250	1800	2250	1800	QSK60-G8	4g	LVSI804S	3201	6175 x 2494 x 3166	17217	option
2500 DQKAJ *	2500	2000	2000	1600	2250	1800	QSK60-G18	2g / T2	LVSI804S	3.3	6759 x 2479 x 3096	18537	-
C2750 D5	2750	2200	2500	2000	2500	2000	QSK78-G9	4g	LVSI804S	3.3	5671 x 2948 x 3197	18871	-
C2750 D5e	2750	2200	2500	2000	2500	2000	QSK78-G15 QSK78-G16	2g / T2	LVSI804S	3.3	5671 x 2948 x 3197	18871	-
C3000 D5	3000	2400	2750	2200	2750	2200	QSK78-G9	4g	LVSI804T	3.3	5671 x 2948 x 3197	19282	-
C3000 D5e	3000	2400	2750	2200	2750	2200	QSK78-G15 QSK78-G16	2g / T2	LVSI804T	3.3	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	Wet Weight without fuel (kg)	Tank
	kVA	kW	kVA	kW	kVA	kW							(L)
C1250 D6	1588	1270	1400	1120	1400	1120	KTA50-G3		PI734B	3.3	5105 x 2000 x 2238	10075	option
1250 DQGAE *	1563	1250	1419	1135	1419	1135	QSK50-G5	T2	PI734B	3.3	6381 x 2285 x 2474	11926	-
C1500 D6	1931	1545	1608	1286	1608	1286	KTA50-G9		PI734C	3.3	5690 x 2033 x 2330	10326	option
1500 DQGAF *	1875	1500	1706	1365	1706	1365	QSK50-G5	T2	PI734C	3.3	6381 x 2285 x 2474	12184	-
1750 DQKAD *	2188	1750	2000	1600	2000	1600	QSK60-G6	T2	PI734C	3.3	3096 x 2479 x 6759	16882	-
C2000 D6	2000	2500	2281	1825	2281	1825	QSK60-G6		PI734F	3201	6175 x 2286 x 2537	15366	option
2000 DQKAE *	2500	2000	2281	1825	2281	1825	QSK60-G6	T2	PI734F	3.3	3096 x 2479 x 6759	17166	-
C2250 D6A	2813	2250	NA	NA	2500	2000	QSK60-G9		PI734G	3201	6175 x 2494 x 3166	17217	option
2250 DQKAF *	2813	2250	2281	1825	2500	2000	QSK60-G14	T2	PI734G	3.3	3096 x 2479 x 6759	18537	-
2500 DQLE *	3125	2500	2845	2275	2845	2275	QSK78-G11	T2	MVSI804S	3.3	6965 x 2946 x 3371	24870	-
2500 DQLC *	3125	2500	2920	2336	2920	2336	QSK78-G6		LVSI804R	3201	5458 x 2251 x 2535	23000	-
2750 DQLF *	3438	2750	3125	2500	3125	2500	QSK78-G12	T2	MVSI804S	3.3	7720 x 3358 x 3875	26508	-
2750 DQLD *	3438	2750	3125	2500	3125	2500	QSK78-G8		LVSI804S	3201	5458 x 2251 x 2535	23000	-

Models with (*) are Cummins Power Generation 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 Power Generation 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	dB @ 1m 3/4 load
	KVA	KW	kVA	kW			STD	OPT	STD	OPT		
C100 D2R	100	80	110	90	QSB5G5	SIIIA	UC274C		1.1	DSE7310, COMAP MRS16	95	76
C150 D2R	150	120	169	135	QSB7G5	SIIIA	UC274F		1.2	3.3, 3.3 MLD	95	75
C200 D2R	200	160	225	180	QSB7G5	SIIIA	UC274H		1.2	3.3, 3.3 MLD	95	75
C250 D2R	250	200	281	225	QSL9G3	SIIIA	UC274K	HC4D	1.2	3.3, 3.3 MLD	97	77
C300 D2R	300	240	344	275	QSL9G7	SIIIA	HC4D		3.3 MLD	3.3	97	76
C1000 D2R	1000	800	1138	930	KTA38G14	UR	HCI634K		3.3 MLD	3.3	113	92
C1250 D2R	1258	1006	1400	1120	KTA50G3	UR	P7B		3.3 MLD	3.3	113	92

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 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	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

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 Fuelled 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 requeriments

Operation & Maintenance Support
Flexible cover designed around you

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.

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	1301	1.1/1.2	2100	2.2	3201	3.3
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	1301	1.1	2100	2.2	3201	3.3
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/PCC 1.1


PCC2100


PCC3201


PCC 1.2/2.2


PCC 3.3

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:

- 40-2000A 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	-	-	- Available for BTPC Closed transition 1000 to 4000 Amps	●
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	●	● (disabled during closed transition)	● (disabled during closed transition)	● (disabled during closed transition)
Load Monitoring	-	□	□	□
WCR with Specified Circuit Breakers	25 - 65 kA	14-100 kA	14-100 kA	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 L1	PCC L1
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%	+/-1%	+/-1%	+/-1%
O/U Frequency Sensing Utility	●	●	●	●
O/U Frequency Sensing Generator	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 - 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	-	●	●	●

Software and Networking

PowerCommand® software and networking tools let you easily manage on-site and off-site power systems from one location.

Whether you're using a desktop computer, a laptop or a cell phone, PowerCommand remote monitoring systems help you reduce power setup time, operation and maintenance.

PowerCommand accessories for reliable web-based monitoring

PowerCommand remote monitoring systems let you monitor generator set and transfer switch functions via the Internet. You can:

- Monitor remotely via wireless connection using cellular or satellite communications
- Communicate via an Ethernet connection, phone line or available wireless configuration
- Connect via an Internet browser on a remote PC
- Send alarms to cell phones, pagers or e-mail addresses
- Display voltage and frequency of each source
- Monitor one or two generator sets and up to four transfer switches

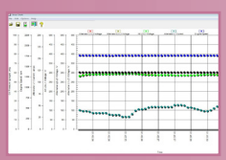
Feature iWatch100
Web Browser Customer Interface
Single Site 4 Gensets and 4 ATS
Sends Emails on Alarm Conditions
SMS Messaging Configurable through an SMTP Email Server
Main Menu Page
Generator Set Data Display Page
Remote Annunciator Display Page
Transfer Switch Data Display Page
Remote ATS Annunciator Display Page
Digital Input/Output Display Page
Relay Outputs Display Page
Connects to PCC2100, 3100,3200,1.x, 2.x and 3.x Controllers
Configurable User Access Codes
Operating Temperature Range (0 to +50˚C)
One-Year Warranty

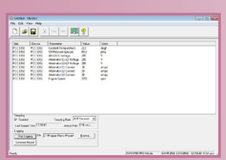
PowerCommand InPower™ for planned maintenance

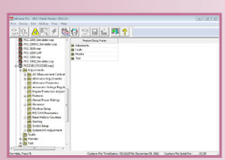
PowerCommand InPower for service and planned maintenance provides both local and remote setup and diagnostics. The PC-based software allows a technician to "talk to" a remote PowerCommand system, determine its status and make adjustments.

An Internet browser interface provides easy access to PowerCommand InPower's useful functions:

- Strip charts — Obtain real-time recordings of changing conditions and performance
- Adjustments — Change system operating parameters
- Monitoring functions — Use real-time monitoring and data recording to simplify testing and diagnostics
- Report generation — Automatically record test data and formats for quick test reporting
- Fault simulations — Simulate warning or shutdown conditions







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 generator sets can be synchronised 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

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

FEATURE	DMC1000		DMC1500		DMC200	DMC300
	Isolated Bus	Infinite Bus	Isolated Bus	Infinite Bus	Isolated Bus	Infinite Bus
Custom Features						
Custom engineering required	-	-	-	-	□	□
Genset Controller Compatibility						
PowerCommand 3100	•	•	•	•	•	•
PowerCommand 3200	•	•	•	•	•	•
PowerCommand 3201	•	•	•	•	•	•
PowerCommand 3300	•	•	•	•	•	•
System Start						
Common system start directly to gens (bypasses PLC or MCM)	•	•	-	-	□	□
Common system start to genset based on DMC 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	-	-	-	-	□	□
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	-	-	-	-	•	•
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)	-	-	-	-	-	•
Individual Genset kW (Open Loop/ Base Load)	-	-	-	-	-	□
Genset Bus kW (Closed Loop)	-	•	-	•	-	□
Genset Bus kW with Utility Constraint (Closed Loop/Base Load with export limit)	-	•	-	•	-	□
Utiity Bus kW (Closed Loop/Peak Shave)	-	•	-	•	-	•

FEATURE	DMC1000		DMC1500		DMC200	DMC300
	Isolated Bus	Infinite Bus	Isolated Bus	Infinite Bus	Isolated Bus	Infinite Bus
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						
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 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	-	-	-	-	□	□
Redundant CPU						
Hot Standby Redundant CPU and cabling	-	-	-	-	□	□
Reports						
Alarm History	-	-	•	•	•	•
Certification						
CE Mark	•	•	•	•	•	•

● Standard □ Optional - Unavailable

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.

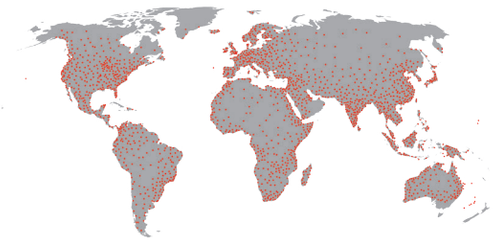
Data Center Continuous (DCC)

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 Power Generation 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.

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

F-2081 (04/14)