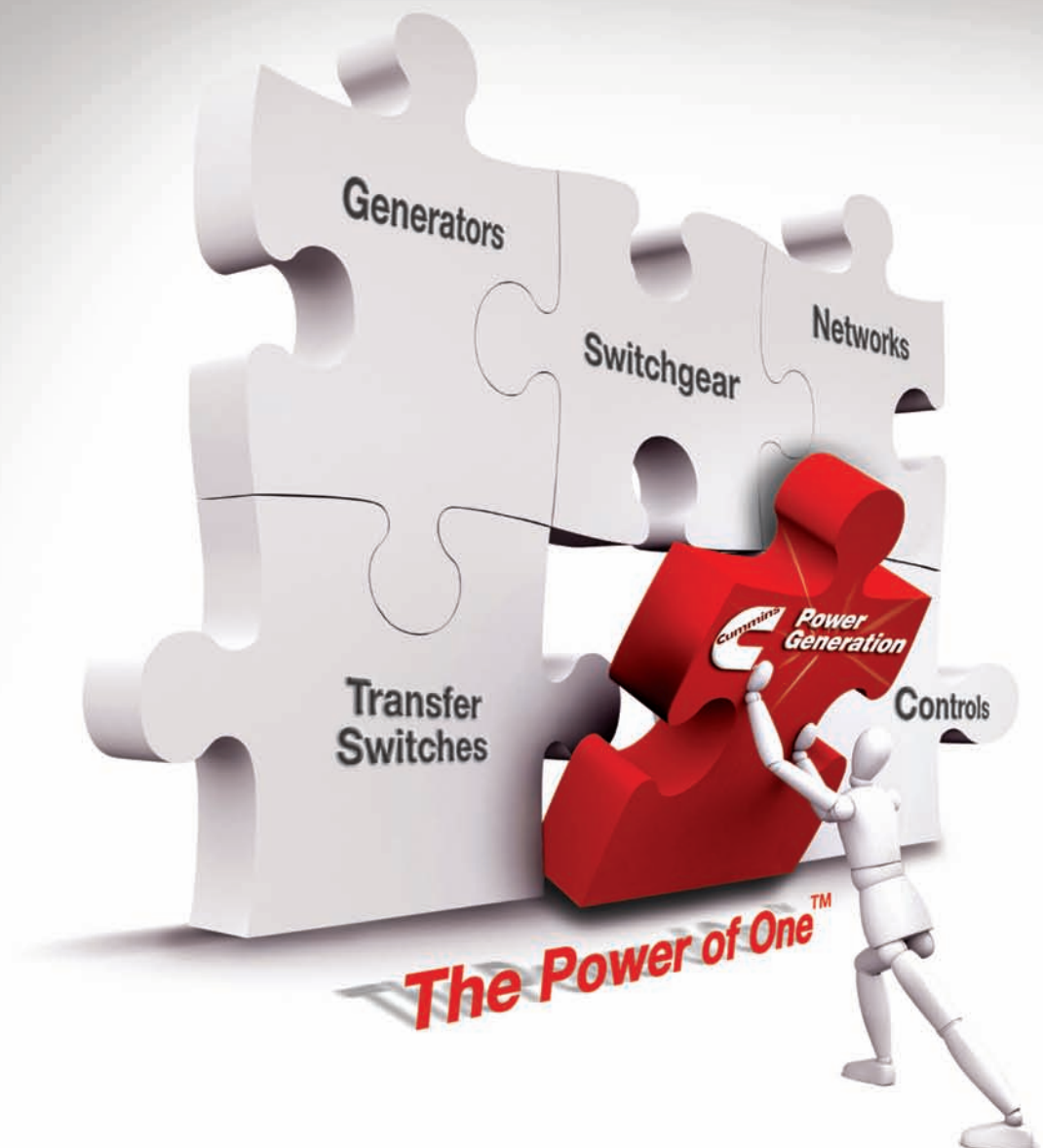


Our energy working for you.™



Power Solutions - Asia Pacific

Fully Integrated, Reliable, Efficient



Global Strength, Local Partnership

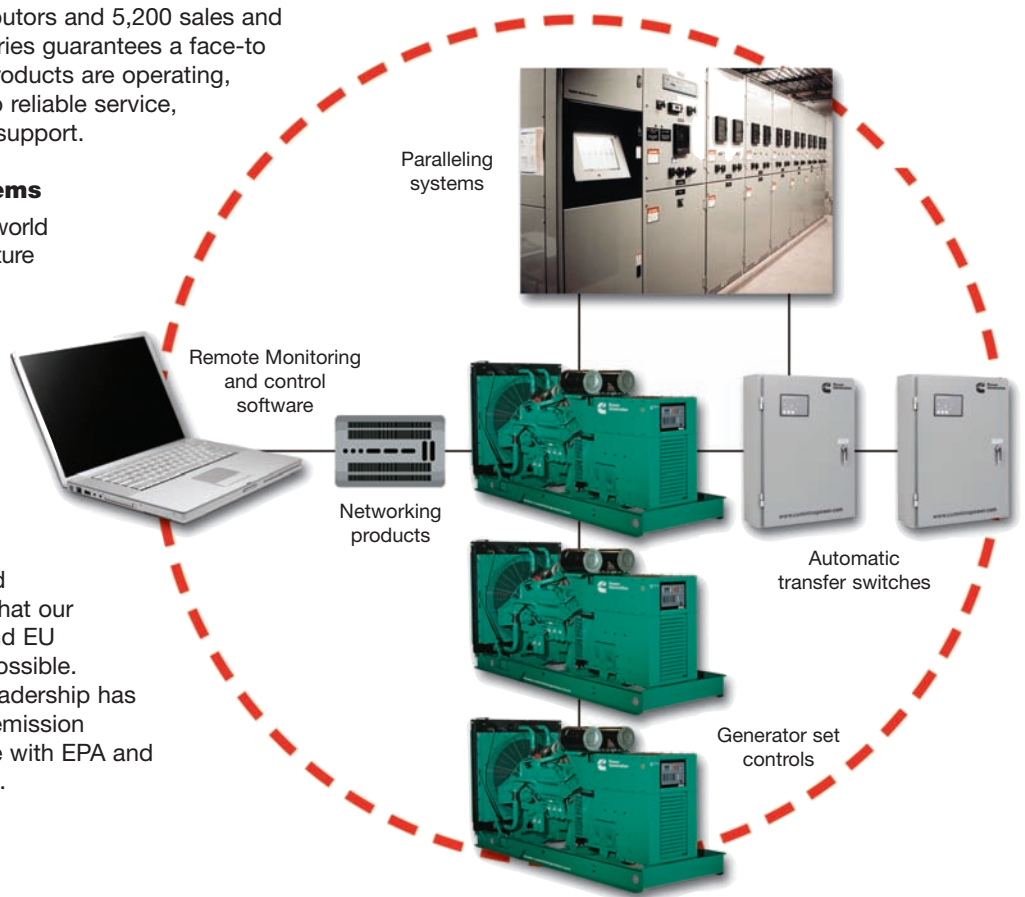
With 90 years experience in power generation we can match the right generating, transfer and control technologies with your power need – be it continuous, prime, peaking, standby, cogeneration or a complete turnkey power plant.

Our global network of 550 distributors and 5,200 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.

Fully integrated power systems

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. We call this integrated approach The Power of One™, where each element works in harmony from the start.

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.



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".

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.

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.

Responsiveness

We guarantee same-day answers, turnkey solutions, quick delivery, split-second start-up and a phone that is answered 24 hours a day, 7 days a week.

Diesel Generator Sets

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

Delivering rugged, reliable mechanical and electrical performance, our diesel generator sets are also suited to utility peaking plants, distributed generation facilities, peak shaving (or peak lopping) and power management at large commercial or industrial sites.

Diesel-powered generator sets remain the best-value choice worldwide for standby and emergency power systems. Powered by heavy-duty Cummins engines, our fuel-efficient generator sets are available in sizes ranging from 8 kVA to 3300 kVA, and are known for their responsive transient performance. Cooling systems provide guaranteed performance in high ambient temperatures.

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

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

PowerCommand® InPower™ for planned maintenance/service capability

PowerCommand InPower for planned maintenance and service provides both local and remote set-up 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-life 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



Rapid transit system stays on track with Cummins Power Generation

SANTO DOMINGO, DOMINICAN REPUBLIC - SAMPOL Ingenieria y Obras S.A. is a multinational company dedicated to the promotion and management of large commercial and consumer engineering projects at high profile facilities such as hotels, airports, hospitals and railways. It currently employs 80 people with an annual turnover of €150,000,000.

SAMPOL specified nine C2000 D6 generator sets with QSK60 engines to provide a total of 18 MW standby power to the entire Santo Domingo Metro system.

The power system was chosen for its ability to handle a heavy duty load whilst taking into consideration operational noise levels.

Low-Emissions Technologies

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

Developing products for a cleaner tomorrow

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

New technologies to reduce emissions

Since 1996, when U.S. EPA 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 of our emissions-reduction technologies are accomplished through in-cylinder design improvements and precise control of the combustion process.



“Clean” power creates powder

SNOW SUMMIT SKI RESORT,
BIG BEAR LAKE, CALIFORNIA
- A PowerCommand system
provides 12 megawatts of
electricity to power air
compressors, water pumps and

fan guns that make up the
resort’s snowmaking equipment.
The 2 MW diesel generators are
designed to meet Southern
California’s strict air-quality
requirements.

Award-winning diesel technology

In recognition of our continued advancements and market leadership in emissions technology, and on top of our award in 2006, Frost & Sullivan have named Cummins Power Generation the recipient of the 2008 North American Diesel Engine Technology Leadership of the Year Award.



8 kVA to 68 kVA (50 Hz) / 11 kW to 56 kW (60 Hz)

The latest addition to the Cummins Power Generation range, these compact, rugged new generator sets provide the ideal prime or standby power solutions for small businesses, telecoms companies or agriculture.

Best in class, the new range of generator sets are lightweight, easy to service and deliver cost-effective, reliable power from 8 kVA to 68 kVA @ 50 Hz and 11 kW to 56 kW @ 60 Hz.

This series of generator sets offers selectable motor starting capacity with a choice of alternator sizes. PowerStart 500™ or PowerCommand® 1.1 is offered as standard for total system integration*. Product benefits include low fuel consumptions, easily accessible service points and extended service intervals**.

The product also boasts best in class enclosed solutions across the product range including single point lifting capability as standard. Acoustic, fire retardant enclosure linings provide quality, world leading performance; exceeding EU noise directives and pushing the boundaries of technology to provide higher ambient capabilities whilst maintaining its compact size.

* PCC 0301 control standard for ES43 D5 to ES68 D5 and ES38 D6 to ES61 D6

** 500-hr service intervals for C33 D5 & C38 D5 / C30 D6 & C35 D6



C28 D5

Power output 50 Hz

Model	kVA		kWe		Engine			Alternator	Open Set		
	Standby ⁺	Prime ⁺	Standby ⁺	Prime ⁺	Type	Cyl Arr	Dimensions (L x W x H) mm		Wet Weight [^] (kg)	Tank (L)	
C8 D5	8	7.5	6.6	6	X1.3G2	2L	PI044D	N/A***	596	100	
C11 D5	11	10	8.8	8	X1.3G2	2L	PI044E	N/A***	596	100	
C17 D5	16.5	15	13	12	X2.5G2	3L	PI044G	1667 x 930 x 1247	582	150	
C22 D5	22	20	17	16	X2.5G2	3L	PI144D	1667 x 930 x 1247	582	150	
C28 D5	27.5	25	22	20	X2.5G2	3L	PI144E	1667 x 930 x 1247	605	150	
C33 D5	33	30	26.4	24	X3.3G1	4L	PI144G	1753 x 930 x 1250	875	175	
C33 D5e	33	30	26.4	24	4BT3.3G3	4L	UC224C	1753 x 930 x 1256	645	107	
C38 D5	38	35	30.4	28	X3.3G1	4L	PI144H	1753 x 930 x 1250	910	175	
C38 D5e	38	35	30.4	28	4BT3.3G3	4L	UC224C	1753 x 930 x 1256	705	107	
ES43 D5	43	40	35	32	S3.8G4	3.8L	UC224C	1800 x 730 x 1215	765	100	
C44 D5e	44	40	35	32	4BT3.3G3	4L	UC224C	1753 x 930 x 1250	776	107	
C55 D5e	55	50	44	40	4BT3.3G3	4L	UC224D	1753 x 930 x 1256	776	107	
ES55 D5	55	50	44	40	S3.8G6	3.8L	UC224D	1800 x 730 x 1215	815	100	
ES68 D5	68	62	55	50	S3.8G7	3.8L	UC224F	1800 x 800 x 1320	865	100	



C33 D5

Power output 60 Hz

Model	kVA		kWe		Engine			Alternator	Open Set		
	Standby ⁺	Prime ⁺	Standby ⁺	Prime ⁺	Type	Cyl Arr	Dimensions (L x W x H) mm		Wet Weight [^] (kg)	Tank (L)	
C12 D6	15	13	12	11	X2.5G4	3L	PI044G	1667 x 930 x 1247	569	150	
C16 D6	20	18	16	15	X2.5G4	3L	PI144D	1667 x 930 x 1247	569	150	
C20 D6	25	22	20	18	X2.5G4	3L	PI144E	1667 x 930 x 1247	582	150	
C30 D6	37.5	33.8	30	27	X3.3G2	4L	PI144G	1753 x 930 x 1250	875	175	
C30 D6	37.5	33.8	30	27	4BT3.3G3	4L	UC224C	1753 x 930 x 1256	645	107	
C35 D6	43.8	40	35	32	X3.3G2	4L	PI144H	1753 x 930 x 1250	910	175	
C35 D6	43.8	40	35	32	4BT3.3G3	4L	UC224C	1753 x 930 x 1256	705	107	
ES38 D6	47	43	38	35	S3.8G4	3.8L	UC224C	1800 x 730 x 1215	765	100	
C40 D6	50	45.5	40	36	4BT3.3G3	4L	UC224C	1753 x 930 x 1250	706	107	
ES48 D6	60	55	48	44	S3.8G6	3.8L	UC224D	1800 x 730 x 1215	815	100	
C50 D6	62.5	56	50	45	4BT3.3G3	4L	UC224D	1753 x 930 x 1250	776	107	
ES61 D6	76	70	61	56	S3.8G7	3.8L	UC224F	1800 x 800 x 1320	865	100	

*** Not applicable, enclosed set only

^ Without fuel

80 kVA to 3300 kVA (50 Hz)

Power output 50 Hz

Model	kVA		kWe		Engine		Alternator	Dimensions (L x W x H) mm	Open Set	
	Standby ⁺	Prime ⁺	Standby ⁺	Prime ⁺	Type	Cyl Arr			Wet Weight [^] (kg)	Tank (L)
C80 D5	80	72	64	58	4BTA3.9G3	4L	UC224F	1920 x 1050 x 1438	1168	200
C90 D5	90	80	72	64	4BTA3.9G4	4L	UC224G	1920 x 1050 x 1438	1213	200
C100 D5	100	90	80	72	4BTA3.9G4	4L	UC274C	1920 x 1050 x 1438	1238	200
C110 D5B	110	100	88	80	6BTA5.9G1-I	6L	UC274C	2220 x 1050 x 1577	1337	320
C125 D5	125	113	100	90	6BTA5.9G2-I	6L	UC274V	2220 x 1050 x 1577	1423	320
C150 D5	150	136	120	109	6BTA5.9G2	6L	UC274E	2220 x 1050 x 1577	1423	320
C175 D5e	175	158	140	126	QSB7G5	6L	UC274F	2656 x 1100 x 1653	2128	530
C200 D5e	200	182	160	146	QSB7G5	6L	UC274H	2656 x 1100 x 1653	2226	530
C220 D5e	220	200	176	160	QSB7G5	6L	UC274H	2656 x 1100 x 1653	2226	530
C250 D5B	250	227	200	182	6CTAA8.3G4	6L	UC274J	3000 x 1050 x 1728	2400	550
C275 D5B	275	250	220	200	6CTAA8.3G4	6L	UC274K	3000 x 1050 x 1728	2400	550
C275 D5	275	250	220	200	QSL9G5	6L	UC274K	3135 x 1100 x 1928	2171	600
C300 D5	300	275	240	220	QSL9G5	6L	HC4D	3135 x 1100 x 1928	2394	600
C330 D5	330	300	264	240	QSL9G5	6L	HC4D	3135 x 1100 x 1928	2394	600
C350 D5	350	315	280	252	NTA855G6	6L	HC4E	3400 x 1257 x 2133	3709	800
C400 D5	390	350	312	280	NTA855G4	6L	HC4F	3400 x 1257 x 2133	3844	800
C440 D5	440	400	352	320	NTA855G7	6L	HC5C	3400 x 1150 x 2253	4002	800
C500 D5e	500	450	400	360	QSX15G8	6L	HC5C	3403 x 1500 x 2059	4073	900
C550 D5e	550	500	440	400	QSX15G8	6L	HC5D	3403 x 1500 x 2059	4203	900
C575 D5B	576	511	461	409	KTA19G4	6L	HC5E	3510 x 1246 x 1906	4373	-



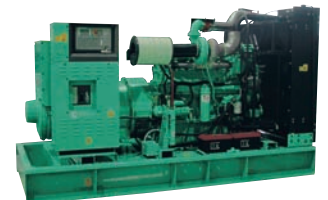
C220 D5e



C275 D5

Power output 50 Hz

Model	kVA		kWe		Engine		Alternator	Dimensions (L x W x H) mm	Open Set	
	Standby ⁺	Prime ⁺	Standby ⁺	Prime ⁺	Type	Cyl Arr			Wet Weight [^] (kg)	Tank (L)
C650 D5A	650	590	520	472	KTA19G8	6L	HC5E	3510 x 1246 x 1906	4488	-
C700 D5	706	640	565	512	VTA28G5	12V	HC5F	3820 x 1447 x 2307	5995	1400
C825 D5A*	825	750	660	600	VTA28G6	12V	HC6G	4080 x 1756 x 2181	6568	1400
C840 D5	840	760	672	608	QSK23G3	6L	HC6G	4570 x 1502 x 2086	6875	1400
C900 D5	900	820	720	656	QSK23G3	6L	HC6H	4570 x 1502 x 2086	7025	1400
C1000 D5	1041	939	833	751	QST30G3	12V	HC6J	4230 x 1756 x 2248	7295	1700
C1100 D5	1110	1000	888	800	QST30G4	12V	HC6K	4469 x 1755 x 2248	7768	1700
C1100 D5B	1132	1029	906	823	KTA38G5	12V	HC6K	4479 x 1854 x 2194	9017	1700
C1250 D5A*	1250	1125	1000	900	KTA38G9	12V	P7A	4387 x 2083 x 2228	9040	1700
C1400 D5	1400	1256	1120	1005	KTA50G3	16V	P7B	5283 x 2066 x 2233	10400	2000
C1675 D5	1675	1406	1340	1125	KTA50G8	16V	P7D	5637 x 2250 x 2250	12000	2000
C1675 D5A*	1675	1500	1340	1200	KTA50GS8	16V	P7D	5637 x 2250 x 2250	12000	2000
C2000 D5	2063	1875	1650	1500	QSK60G3	16V	P7F	5828 x 2270 x 2250	17000	option
C2250 D5	2250	2000	1800	1600	QSK60G4	16V	P7G	5828 x 2270 x 2250	17250	option
C2500 D5A*	2500	2250	2000	1800	QSK60G8	16V	P8	5842 x 2270 x 2800	18900	option
C2750 D5	2750	2500	2200	2000	QSK78G9	18V	LVS1824G	5668 x 2313	20616	-
C3000 D5	3000	2750	2400	2200	QSK78G9	18V	LVS1824G	5668 x 2313	20616	-
C3300 D5	3325	3000	2660	2400	QSK78G6	18V	LVS1824G	7178 x 2251	25390	-



C550 D5

* Advantage rating applicable to emergency standby power only

** Not applicable, enclosed set only

Product to be obsoleted

^ Without fuel - Not available

70 kW to 2700 kW (60 Hz)

Power output 60 Hz

Model	kVA		kWe		Engine		Alternator	Dimensions (L x W x H) mm	Open Set	
	Standby ⁺	Prime ⁺	Standby ⁺	Prime ⁺	Type	Cyl Arr			Wet Weight [^] (kg)	Tank (L)
C70 D6	88	81	70	65	4BTA3.9G3	4L	UC224F	1920 x 1050 x 1438	1168	200
C80 D6	100	90	80	72	4BTA3.9G4	4L	UC224G	1920 x 1050 x 1438	1213	200
C90 D6	112.5	100	90	80	4BTA3.9G4	4L	UC274C	1920 x 1050 x 1438	1238	200
C110 D6	138	125	110	100	6BTA5.9G1	6L	UC274C	2220 x 1050 x 1577	1337	320
C140 D6	175	158	140	125	6BTA5.9G2	6L	UC274E	2220 x 1050 x 1577	1423	320
C150 D6e	188	169	150	135	QSB7G5	6L	UC274F	2656 x 1100 x 1653	2071	530
C175 D6e	219	200	175	160	QSB7G5	6L	UC274H	2656 x 1100 x 1653	2128	530
C200 D6e	250	225	200	180	QSB7G5	6L	UC274H	2656 x 1100 x 1610	2226	530
C230 D6	288	256	230	205	6CTAA8.3G2	6L	UC274J	3000 x 1050 x 1728	2400	550
C250 D6	313	281	250	225	QSL9G5	6L	UC274K	3135 x 1100 x 1928	2171	600
C275 D6	344	313	275	250	QSL9G5	6L	HC4D	3135 x 1100 x 1928	2394	600
C300 D6	375	344	300	275	QSL9G5	6L	HC4D	3135 x 1100 x 1928	2394	600
C350 D6	437	402	350	322	NTA855G3	6L	HC4F	3400 x 1257 x 2133	3429	800
C400 D6	500	N/A**	400	N/A**	NTA855G5	6L	HC4F	3400 x 1257 x 2012	3307	800
C450 D6e	562	513	450	410	QSX15G9	6L	HC5C	3403 x 1500 x 2059	4073	900
C500 D6e	625	569	500	455	QSX15G9	6L	HC5D	3403 x 1500 x 2059	4203	900
C500 D6B	626	561	501	449	KTA19G4	6L	HC5D	3419 x 1246 x 1906	4286	-



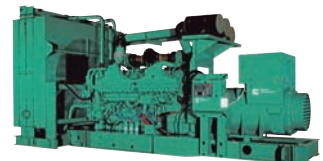
C1000 D5



C1400 D5

Power output 60 Hz

Model	kVA		kWe		Engine		Alternator	Dimensions (L x W x H) mm	Open Set	
	Standby ⁺	Prime ⁺	Standby ⁺	Prime ⁺	Type	Cyl Arr			Wet Weight [^] (kg)	Tank (L)
C600 D6	754	681	603	545	VTA28G5	12V	HC5F	3820 x 1447 x 2307	5995	1400
C750 D6A[^]	938	852	750	682	VTA28G7	12V	HC6G	4080 x 1756 x 2181	6568	1400
C780 D6	974	880	779	704	QSK23G3	6L	HC6G	4570 x 1502 x 2086	6875	1400
C825 D6	1031	930	825	744	QSK23G3	6L	HC6H	4570 x 1502 x 2086	7025	1400
C925 D6	1156	1044	925	835	QST30G3	12V	HC6J	4230 x 1756 x 2248	7295	1700
C1000 D6	1265	1150	1012	920	QST30G4	12V	HC6J	4469 x 1755 x 2248	7500	1700
C1000 D6B	1275	1160	1020	928	KTA38G4	12V	HC6J	4479 x 1854 x 2194	8750	1700
C1250 D6	1587	1400	1270	1120	KTA50G3	16V	P7B	5283 x 2066 x 2233	10400	2000
C1500 D6	1931	1608	1545	1286	KTA50G9	16V	P7D	5637 x 2250 x 2250	12000	2000
C2000 D6	2500	2250	2000	1800	QSK60G6	16V	P7F	5828 x 2270 x 2550	17000	option
C2250 D6A[^]	2812	N/A**	2250	N/A**	QSK60G9	16V	P8	5842 x 2270 x 2800	18900	option
2500 DQLC	3125	2812	2500	2250	QSK78G6	18V	LVS1804R	5458 x 2251 x 2535	23000	-
2750 DQLD	3437	3125	2750	2500	QSK78G8	18V	LVS1804R	5458 x 2251 x 2535	23000	-



C2250 D5

* Advantage rating applicable to emergency standby power only

** Not applicable, enclosed set only

Product to be obsolete

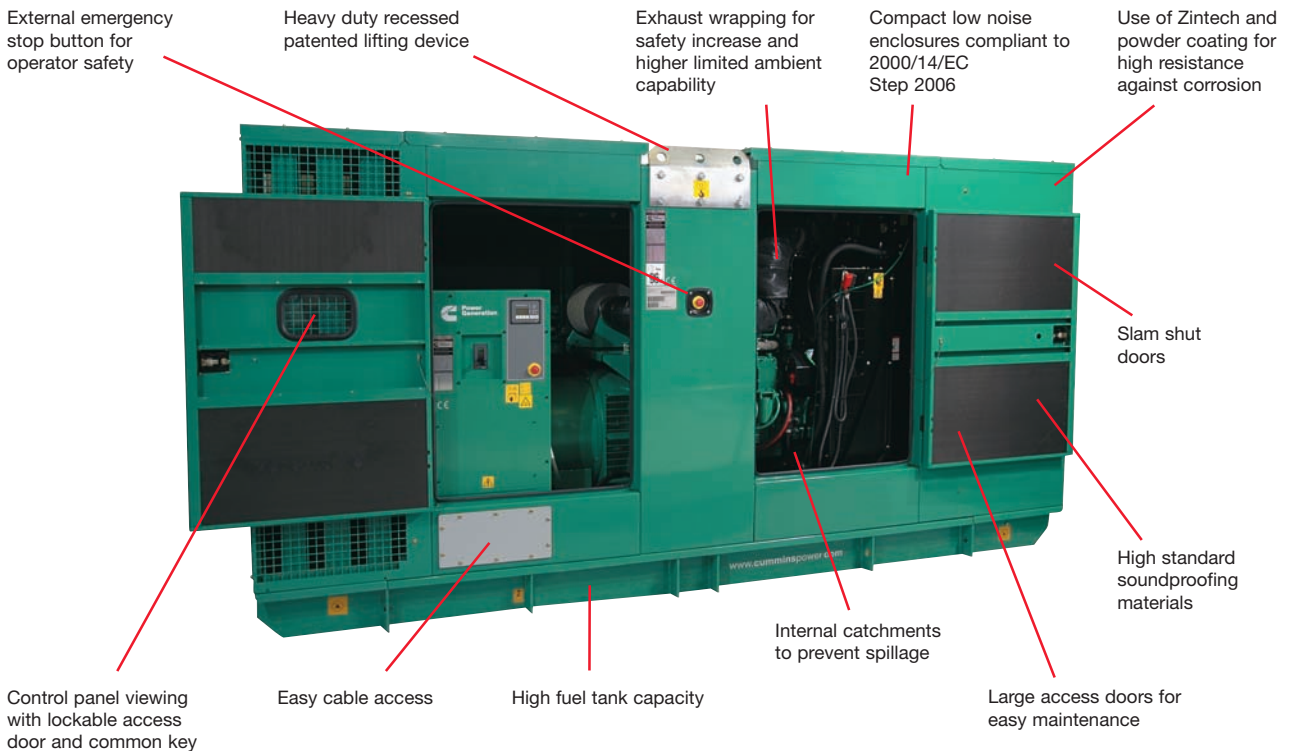
[^] Without fuel - Not available

Enclosures

Sound-attenuated 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
- Direct-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

C275 D5



Enclosed Sets 50 Hz

Power output 50 Hz

Model	Standby kVA 50 Hz	Dimensions L x W x H (mm)	Wet Weight [^] (kg)	Sound Levels		Tank (L)
				dBA @ 1m @ 75% load	dBA @ 1m @ 100% load	
C8 D5	8	1460 x 850 x 1130	595.7	69	69	100
C11 D5	11	1460 x 850 x 1130	595.7	69	69	100
C15 D5	15	1460 x 850 x 1130	647	72	-	88
C22 D5	22	2082 x 930 x 1448	907	74	74	150
C33 D5	33	2242 x 967 x 1513	1235	75	75	175
C33 D5e	33	2244 x 969 x 1575	1029	71	-	107
C38 D5	38	2242 x 967 x 1513	1270	75	75	175
C38 D5e	38	2244 x 969 x 1575	1029	71	-	107
ES43 D5	43	2300 x 1100 x 1650	1265	80	82	100
C44 D5e	44	2245 x 969 x 1575	1029	71	-	107
C55 D5e	55	2244 x 969 x 1575	1100	72	-	107
ES55 D5	55	2300 x 1100 x 1650	1315	80	82	100
ES68 D5	68	2300 x 1100 x 1650	1365	80	82	100
C80 D5	80	2710 x 1050 x 1853	1768	79	81	200
C90 D5	90	2710 x 1050 x 1853	1818	79	81	200
C100 D5	100	2710 x 1050 x 1853	1843	79	81	200
C110 D5B	110	3100 x 1060 x 1987	2008	78	82	320
C125 D5	125	3100 x 1060 x 1987	2008	78	82	320
C150 D5	150	3100 x 1060 x 1987	2118	78	82	320
C175 D5e	175	3900 x 1100 x 2062	3108	77	-	513
C200 D5e	200	3900 x 1100 x 2062	3206	77	-	513
C220 D5e	220	3900 x 1100 x 2062	3206	77	-	513
C250 D5B	250	4254 x 1360 x 1989	3980	77	78	550
C275 D5B	275	4254 x 1360 x 1989	3980	77	78	550
C275 D5	275	4254 x 1424 x 2215	3924	77	-	680
C300 D5	300	4254 x 1424 x 2215	4147	77	-	680
C330 D5	330	4254 x 1424 x 2215	4147	77	-	680
C350 D5	350	4500 x 1988 x 2450	5242	-	85	800
C400 D5	400	4500 x 1988 x 2450	5562	-	85	800
C440 D5	440	4700 x 1988 x 2500	5985	-	85	800
C500 D5e	500	5084 x 1500 x 2410	5540	80	81	900
C550 D5e	550	5084 x 1500 x 2410	5670	80	82	900
C575 D5B	576	4800 x 1938 x 2400	6253	-	85	1200
C650 D5A	650	4800 x 1938 x 2400	6568	-	85	1200



C15 D5



C55 D5e

Power output 50 Hz

Model	Standby kVA 50 Hz	Dimensions L x W x H (mm)	Wet Weight [^] (kg)	Sound Levels		Tank (L)
				dBA @ 1m @ 75% load	dBA @ 1m @ 100% load	
C700 D5	706	20' ISO	12250	-	85	500
C825 D5A	825	20' ISO		Please refer to factory.		
C840 D5	840	20' High Cube	14200	-	85	1200
C900 D5	900	20' High Cube	14350	-	85	1200
C1000 D5	1041	20' ISO	13150	-	85	500
C1100 D5	1110	20' ISO	13500	-	85	500
C1250 D5A	1250	20' ISO		Please refer to factory.		
C1250 D2R	1400	20' ISO	19400	83	85	900
C1675 D5			Please refer to factory.			
C1675 D5R			Please refer to factory.			
C2000 D5			Please refer to factory.			
C2250 D5			Please refer to factory.			
C2500 D5A			Please refer to factory.			



C150 D5

[^] Without Fuel - Not available

Enclosed Sets 60 Hz

Power output 60 Hz

Model	Standby kVA 60 Hz	Dimensions L x W x H (mm)	Wet Weight [^] (kg)	Sound Levels		Tank (L)
				dBA @ 1m @ 75% load	dBA @ 1m @ 100% load	
C11 D6	11	1454 x 769 x 1417	638	74	-	75
C12 D6	15	2082 x 930 x 1448	894	75	65	150
C15 D6	15	1454 x 769 x 1417	647	74	-	88
C20 D6	25	2082 x 930 x 1448	907	75	65	150
C25 D6	24	2124 x 969 x 1575	933	80	80	107
C30 D6	30	2242 x 967 x 1513	1235	TBA	TBA	175
C30 D6	30	2124 x 990 x 1575	1029	80	-	107
C35 D6	35	2242 x 967 x 1513	1270	TBA	TBA	175
C35 D6	35	2244 x 969 x 1575	1029	80	-	107
C40 D6	40	2245 x 969 x 1575	1029	80	-	107
ES38 D6	47	2300 x 1100 x 1650	1265	80	82	100
C50 D6	50	2244 x 969 x 1575	1100	80	-	107
ES48 D6	60	2300 x 1100 x 1650	1315	80	82	100
C70 D6	70	2710 x 1050 x 1853	1768	82	83	200
ES61 D6	76	2300 x 1100 x 1650	1365	80	82	100
C80 D6	100	2710 x 1050 x 1853	1818	82	83	200
C90 D6	112.5	2710 x 1050 x 1853	1843	82	83	200
C110 D6	138	3100 x 1060 x 1987	2008	82	83	320
C140 D6	175	3100 x 1060 x 1987	2118	82	83	320
C150 D6e	150	3900 x 1100 x 2062	2991	80	-	513
C175 D6e	175	3900 x 1100 x 2062	3108	TBA	-	513
C200 D6e	200	3900 x 1100 x 2062	3206	TBA	-	513
C230 D6	288	4254 x 1360 x 1989	4235	85	-	550
C250 D6	250	4254 x 1424 x 2215	3924	80	-	680
C275 D6	275	4254 x 1424 x 2215	4147	80	-	680
C300 D6	300	4254 x 1424 x 2215	4147	80	-	680
C350 D6	350	4500 x 1738 x 2250	5562	-	85	800
C400 D6	400	4700 x 1988 x 2450	5640	-	85	800
C450 D6e	562	5084 x 1500 x 2410	5540	85	-	900
C500 D6e	625	5084 x 1500 x 2410	5670	85	-	900
C500 D6B	626	4800 x 1938 x 2400	6568	-	85	1200



C220 D5e



C440 D5

Power output 60 Hz

Model	Standby kVA 60 Hz	Dimensions L x W x H (mm)	Wet Weight [^] (kg)	Sound Levels		Tank (L)
				dBA @ 1m @ 75% load	dBA @ 1m @ 100% load	
C600 D6	754	20' ISO	12250	-	85	500
C750 D6A	938	20' ISO		Please refer to factory.		
C780 D6	974	20' High Cube	14200	-	85	1200
C825 D6	1031	20' High Cube	14350	-	85	1200
C925 D6	1156	20' ISO	13150	-	85	500
C1000 D6	1265	20' ISO	13500	-	85	500
C1000 D6B	1275			Please refer to factory.		
C1250 D2R	1588	20' ISO	19400	85	-	900
C1500 D6			Please refer to factory.			
C2000 D6			Please refer to factory.			
C2250 D6A			Please refer to factory.			



C1250 D2R

[^] Without Fuel - Not available

PowerCommand® Generator Set Controls

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

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

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

Main Features

Generator Controls

PowerCommand/PCC
1301 1.1/1.2 2100 3100 3201 2.2/3.3
PowerStart
500

	1301	1.1/1.2	2100	3100	3201	2.2/3.3	500
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							
Oil Pressure	●	●	●	●	●	●	●
Oil Temperature	-	-	○	●	○	●	-
Water Temperature	●	●	●	●	●	●	●
Engine Speed	●	●	●	●	●	●	●
Hours Run	●	●	●	●	●	●	●
Number of Starts	●	●	●	●	●	●	●
Battery Voltage	●	●	●	●	●	●	●
Exhaust Temperature	-	-	-	○	○	-	-
Measurement & Instrumentation							
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							
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

Generator Controls

PowerCommand/PCC
1301 1.1/1.2 2100 3100 3201 2.2 3.3
PowerStart
500

	1301	1.1/1.2	2100	3100	3201	2.2	3.3	500
Shutdown Protection & Indication								
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	●	●	●	●	●	●	●	●
Batt. Alt. Charge Fault	●	●	-	-	-	●	●	-
Over Current	●	●	●	●	●	●	●	-
Overload	●	●	-	●	-	●	●	-
Paralleling Capability								
Auto Synchronising (Isolated Bus)	-	-	-	○	○	-	●	-
kW & VAR Load Sharing Control	-	-	-	○	○	-	●	-
Auto Synchronising (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 -15°C to +70°C	●	●	●	●	●	●	●	●
Humidity up to 95% (non condensing)	●	●	●	●	●	●	●	●
Codes & Standards								
CE Compliant	●	●	●	●	●	●	●	●
NFPA110	●	●	●	●	●	●	●	-
UL508 Listed	-	-	●	●	●	●	●	-
UL Certified	●	●	●	●	●	●	●	-
Controller Inputs/Outputs								
Digital Inputs (shutdown, warning or status)	2	4	4	4	4	4	4	1
Relay Outputs	2	2	4	4	4	4	4	1
Configurable Input/Output	○	○	○	●	○	○	○	-

○ Option ● Standard - Not Available

PowerCommand® Generator Set Controls

Genset Models

Generator Controls

PowerCommand/PCC
0301 1301 1.1/1.2 2100 3100 3201 2.2/3.3 500

50 Hz	60 Hz		
C8 D5 (X1.3)	NA		●
C11 D5 (X1.3)	NA		●
C11 D5	C11 D6	●	
NA	C12 D6 (X2.5)		●
C15 D5	C15 D6	●	
C17 D5 (X2.5)	C16 D6 (X2.5)		●
C22 D5 (X2.5)	C20 D6 (X2.5)		●
C28 D5	NA		●
NA	C25 D6	●	
C33 D5e	C30 D6		●
C33 D5 (X3.3)	C30 D6 (X3.3)	●	
C38 D5e	C35 D6		●
C38 D5 (X3.3)	C35 D6 (X3.3)	●	
ES43 D5	ES38 D6	●	
C44 D5e	C40 D6		●
C55 D5e	C50 D6		●
ES55 D5	ES48 D6	●	
ES68 D5	ES61 D6	●	
C80 D5	C70 D6		●
C90 D5	C80 D6		●
C100 D5	C90 D6		●
C110 D5B	C110 D6		●
C125 D5	NA		●
C150 D5	C140 D6		●
C175 D5e	C150 D6e		●
C200 D5e	C175 D6e		●
C220 D5e	C200 D6e		●
C250 D5B	C230 D6		●
C275 D5B	NA		●

Genset Models

Generator Controls

PowerCommand/PCC
0301 1301 1.1/1.2 2100 3100 3201 2.2/3.3 500

50 Hz	60 Hz		
C275 D5	C250 D6		●
C300 D5	C275 D6		●
C330 D5	C300 D6		●
C350 D5	NA		●
C400 D5	C350 D6		●
C440 D5	C400 D6		●
C500 D5e	C450 D6e		●
C550 D5e	C500 D6e		●
C575 D5B	C500 D6B		●
C650 D5A	NA		●
C700 D5	C600 D6		●
C825 D5A	C750 D6A		●
C840 D5	C780 D6		●
C900 D5	C825 D6		●
C1000 D5	C925 D6		●
C1100 D5	C1000 D6		●
C1100 D5B	C1000 D6B		●
C1250 D5A	C1250 D6		●
C1400 D5	NA		●
C1675 D5	C1500 D6		●
C1675 D5A	NA		●
C2000 D5	C2000 D6		●
C2250 D5	NA		●
C2500 D5A	C2250 D6A		●
C2750 D5	NA		●
C3000 D5	NA		●
C3300 D5	C2500 DQLC		●
NA	C2750 DQLD		●

● Standard



PowerCommand 1.2



PowerCommand 2.2



PowerCommand 3.3



PowerStart 500



PCC1301/PowerCommand 1.1



PCC3201



PCC2100 with optional Bargraph fitted.

Networking 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 mobile phone, PowerCommand iWatch™ and PowerCommand Pulse™ help you reduce power set-up time and maintenance.

PowerCommand iWatch for reliable Web-based monitoring

PowerCommand iWatch lets you monitor generator set and transfer switch functions via the internet. PowerCommand iWatch features let you:

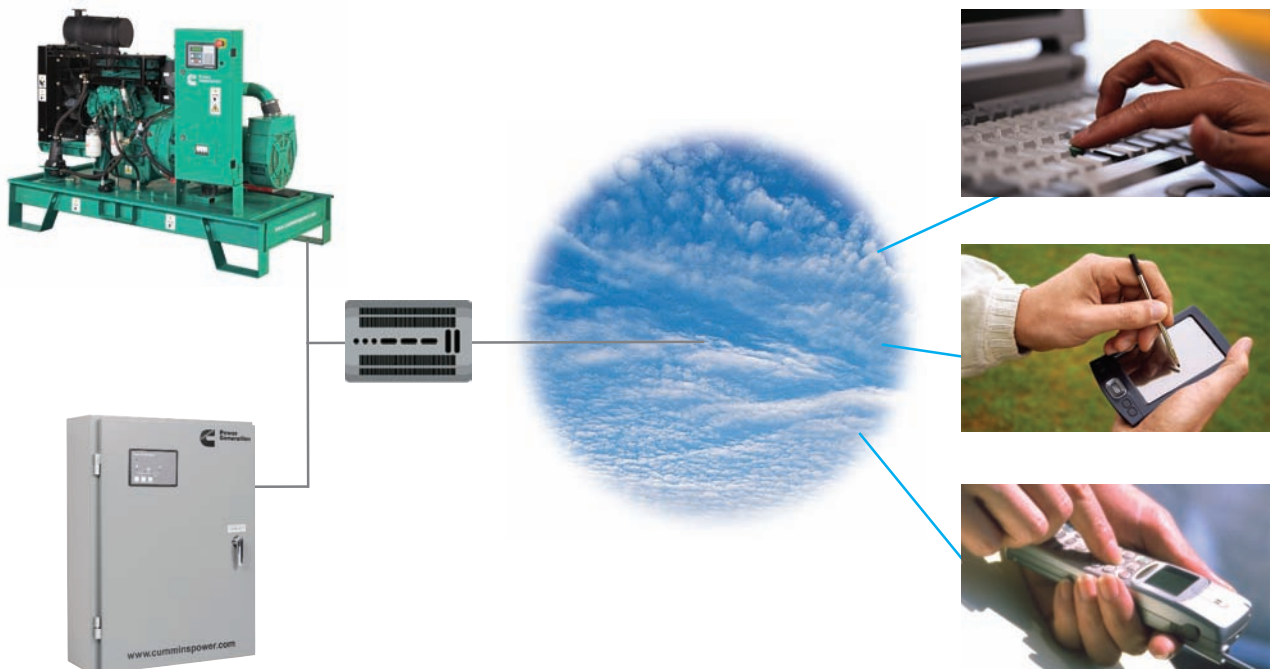
- Communicate via an Ethernet connection, phone line or available wireless configuration
- Connect via an internet browser on a remote PC
- Send alarms to mobile phones, pagers or e-mail addresses
- Display voltage and frequency of each source
- Monitor up to four generators and four networked transfer switches (PowerCommand iWatch 100)
- Monitor up to 30 generator sets and transfer switches (PowerCommand iWatch 200)

PowerCommand Pulse for multiple power systems

PowerCommand Pulse is a full SCADA package. Its enhanced graphical user interface quickly and easily monitors multiple power systems.

PowerCommand Pulse features let you:

- View displays of current alarms as well as alarm logs
- Set three levels of system security
- Fully customise the monitoring and control system
- Monitor up to 60 devices at a site
- Remotely monitor up to 200 sites



Power Transfer and Paralleling Equipment

PowerCommand systems optimise performance and simplify operation and service.



Automatic Transfer Switches

PowerCommand automatic transfer switches covering a range of 40 to 4000 Amps are a reliable power transfer device for generator to generator, utility to generator and utility to utility applications. PowerCommand transfer switches have unique features that allow coverage across a broad range of applications. The microprocessor based controls optimise performance while simplifying operation and service.

The transfer switch power contacts are silver alloy composition with high pressure design that can withstand thousands of switching cycles without burning, pitting or welding. They require no routine contact maintenance and provide 100% continuous current ratings.

All PowerCommand transfer switches have a fully featured microprocessor based controller as standard with all adjustments and settings via the front operator panel. Advanced settings and adjustments are easily made using the Inpower service tool.

Paralleling Systems

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

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



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.

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.

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.

Base Load (Continuous) Power (COP):

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

For comprehensive conditions of application including COP and LTP, please refer to factory.



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 coverages ranging from two years, five years to 10 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.



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