



Power Solutions

Fully Integrated - Reliable - Efficient

Our energy working for you.™



GLOBAL POWER LEADER

With over 80 years experience in power generation and an extensive global distributor network across 130 countries, we are ready to match the right generating, transfer and control technologies with your power needs – be it continuous, prime, peaking, standby, cogeneration, or a complete turnkey power plant.

Part of the Cummins Inc which has a turnover of over US\$ 9 billion, Cummins Power Generation has the global resources to meet your unique power Needs.

Worldwide Presence/ Genset size range: 10 - 3000 kVA



★ Manufacturing Sites

- India
- USA
- United Kingdom
- Singapore
- Brazil
- China

Distributor/Dealers

500 company owned & independent distributorships
4,500 service and parts outlets



C11 D5
Open Set

Fully integrated – Reliable – Efficient

Cummins Power Generation is a world leader in the design and manufacture of pre-integrated generator sets, transfer switches, paralleling equipment and controls for use in standby, prime and continuous rated systems.

All major components – the engine, alternator and control systems – are manufactured by divisions of Cummins. This integral approach means each element of a generating set is designed to work in harmony from the start.

Cummins powered diesel generator sets are available in sizes ranging from 11 to 3000 kVA.

A high quality product, coupled with unrivalled, reliability, gives industry leading power solutions.



C250 D5
Open Set

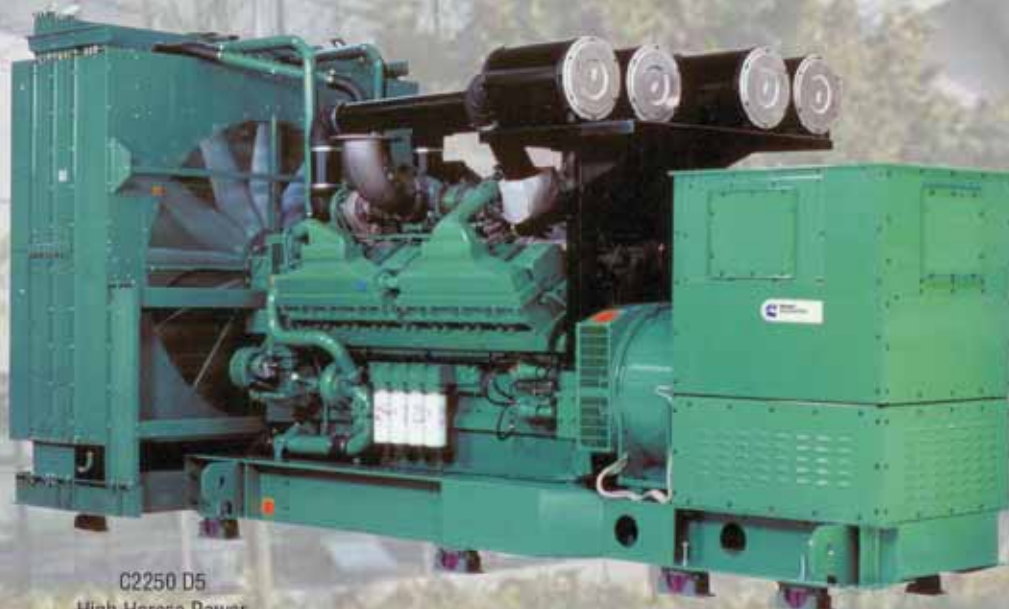
Global Strengths, local partnership

With a worldwide distribution network across 130 countries, with approaching 500 dealers and 4,500 service/ parts outlets, we have the capability and experience to support our products wherever they are operating.

As a Cummins Power Generation user, you can expect a face to face relationship with someone

worthy of your trust and fast access to reliable service, engineering expertise and parts support. Service outlets are spread strategically across the world with technicians trained to the highest standards.

So wherever you need fully integrated, reliable and efficient power, call your local Cummins Power Generation distributor.



C2250 D5
High Horse Power

Open Set

11-55 kVA @ 50 Hz /

C11 D5



C55 D5



Features:

- Simple & easy installation
- High capacity fuel tank
- Starting batteries 12v
- PCC0300 control standard for C11 D5 to C22 D5
- PC1.1 control standard for C33 D5 to C55 D5e
- 4 pole circuit breaker
- Industrial silencer
- Base frame provides fluid containment and 4 direction handling capabilities by fork-lift truck or pallet jack

Power output 50 Hz

Model Name	kVA		kWe		Engine				Stamford	Open Set		
	Standby*	Prime*	Standby*	Prime*	Type	Cyl Arr	Bore x Stroke mm	Disp (L)	Alternator	Dimension (L x W x H) mm	Dry Weight (Kg)	Tank (L)
C11 D5	11	10	8.8	8	D1703-BG	3L	87 x 92.4	1.65	BC164B	1300 x 720 x 1130	361	88
C15 D5	15	13	12	10.4	D1703-BG	3L	87 x 92.4	1.65	BC164D	1300 x 720 x 1130	370	88
C22 D5	22	20	17.6	16	4B3.3G1	4L	95 X 115	3.3	BC164E	1753 X 930 x 1256	544	144
C33 D5e	33	30	26	24	4BT3.3G3	4L	95 X 115	3.3	UC224C	1753 X 930 x 1256	711	144
C33 D5	33	30	26.4	24	X3.3G1	4L	91.7 X 127	3.3	P144G	1753 X 930 x 1250	710	175
C38 D5e	38	35	30	28	4BT3.3G3	4L	95 X 115	3.3	UC224C	1753 X 930 x 1256	711	144
C38 D5	38	35	30.4	28	X3.3G2	4L	91.7 X 127	3.3	P144H	1753 X 930 x 1250	745	175
C44 D5e	44	40	35	32	4BT3.3G3	4L	95 X 115	3.3	UC224C	1753 X 930 x 1250	711	175
C55 D5e	55	50	44	40	4BT3.3G3	4L	95 X 115	3.3	UC224D	1753 X 930 x 1256	711	144

Power output 60 Hz

Model Name	kVA		kWe		Engine				Stamford	Open Set		
	Standby*	Prime*	Standby*	Prime*	Type	Cyl Arr	Bore x Stroke mm	Disp (L)	Alternator	Dimension (L x W x H) mm	Dry Weight (Kg)	Tank (L)
C11 D6	13.8	12.5	11	10	D1703-BG	3L	87 x 92.4	1.65	BC164B	1300 x 720 x 1130	361	88
C15 D6	18.8	16.3	15	13	D1703-BG	3L	87 x 92.4	1.65	BC164D	1300 x 720 x 1130	370	88
C25 D6	30	27.5	24	22	4B3.3G1	4L	95 x 115	3.3	BC164E	1753 x 930 x 1256	544	144
C30 D6	37.5	33.8	30	27	4BT3.3G3	4L	95 x 115	3.3	UC224C	1753 x 930 x 1256	711	144
C30 D6	37.5	33.8	30	27	X3.3G1	4L	91.7 x 127	3.3	P144G	1753 x 930 x 1250	710	175
C35 D6	43.8	40	35	32	4BT3.3G3	4L	95 x 115	3.3	UC224C	1753 x 930 x 1256	711	144
C35 D6	43.8	40	35	32	X3.3G2	4L	91.7 x 127	3.3	P144H	1753 x 930 x 1250	745	175
C40 D6	50	45.5	40	36	4BT3.3G3	4L	95 x 115	3.3	UC244C	1753 x 930 x 1250	711	175
C50 D6	62.5	56	50	45	4BT3.3G3	4L	95 x 115	3.3	UC244D	1753 x 930 x 1250	711	175

Specifications may change without notice.

*Please refer to pg 15 for ratings definition.

Enclosed Set

11-50 kWe @ 60 Hz

C15 D5



C38 D5



Features:

- High capacity fuel tank
- Starting batteries 12v
- PC 1.1 control standard for C33 D5 to C55 D5e
- 4 pole circuit breaker
- Designed to meet or exceed European legislation 2000/14/EC Step 2006
- Drop on canopy with single point lift

Power output 50 Hz

Model Name	Canopy Type	Enclosed Set			Noise level @ 75% load	
		Fuel Tank (L)	Dimension (L x W x H) mm	Dry Weight with tank (Kg)	dBA @ 1m	dBA @ 7m
C11 D5	Silenced	88	1454 X 769 x 1417	623	72	62
C15 D5	Silenced	88	1454 X 769 x 1417	632	72	62
C22 D5	Silenced	144	2244 x 990 x 1575	868	77	67
C33 D5e	Silenced	144	2244 x 969 x 1575	1035	71	67
C33 D5	Silenced	175	2242 x 967 x 1513	1070	75	65
C38 D5e	Silenced	144	2244 x 969 x 1575	1035	71	67
C38 D5	Silenced	175	2242 x 967 x 1513	1070	75	65
C44 D5e	Silenced	144	2244 x 969 x 1575	1035	77	67
C55 D5e	Silenced	144	2244 x 969 x 1575	1035	77	67

Power output 60 Hz

Model Name	Canopy Type	Enclosed Set			Noise level @ 75% load	
		Fuel Tank (L)	Dimension (L x W x H) mm	Dry Weight with tank (Kg)	dBA @ 1m	dBA @ 7m
C11 D6	Silenced	88	1454 X 769 x 1417	623	74	64
C15 D6	Silenced	88	1454 X 769 x 1417	632	74	64
C25 D6	Silenced	144	2244 x 969 x 1575	868	80	70
C30 D6	Silenced	144	2244 x 969 x 1575	1035	80	70
C30 D6	Silenced	175	2242 x 967 x 1513	1070	75	70
C35 D6	Silenced	144	2244 x 969 x 1575	1035	80	70
C35 D6	Silenced	175	2242 x 967 x 1513	1105	75	70
C40 D6	Silenced	144	2244 x 969 x 1575	1035	80	70
C50 D6	Silenced	144	2244 x 969 x 1575	1035	80	70

Specifications may change without notice.

Open Set

70 - 250 kVA @ 50 Hz /

Features:

- Cummins water cooled diesel engine
- Oil and fuel filter, lub-oil drain valve fitted
- 50°C Radiator with drain tap for all models except for C100D5 / C90D6
- Mechanical governor on 4B, 6B and 6C
- Electronic governor on 4BTA3.9G3/G4, 6BTA5.9G2, QSB7 and 6CTAA
- Normal duty air filter
- Single bearing alternator class H/H
- Standard voltage 400 v 50 Hz, 480 v 60 Hz
- Exciter / Voltage regulator - Torque Match as std
- PCC1301 control standard
- PCC1302 (PC1.1) for QSB7
- 3-pole circuit breaker
- Fuel tank with flexible fuel hoses fitted
- Fuel tank capacity designed for up to 8 hours operation
- Starting Batteries 12v
- Industrial Silencer
- Steel base frame with anti-vibration mounting



Options:

- 4-pole circuit breaker
- Other voltage options available

Power output 50 Hz

Model Name	kVA		kWe		Engine				Stamford Alternator	Open Set		
	Standby ⁺	Prime ⁺	Standby ⁺	Prime ⁺	Type	Cyl Arr	Bore x Stroke mm	Disp (L)		Dimension (L x W x H) mm	Dry Weight (Kg)	Tank (L)
C70 D5	70	63	56	50	4BT3.9G4	4L	102 x 120	3.9	UC224F	1920 x 1050 x 1438	1060	200
C80 D5	80	72	64	58	4BTA3.9G3	4L	102 x 120	3.9	UC224F	1920 x 1050 x 1438	1120	200
C90 D5	90	80	72	64	4BTA3.9G4	4L	102 x 120	3.9	UC224G	1920 x 1050 x 1438	1165	200
C100 D5	100	90	80	72	4BTA3.9G4	4L	102 x 120	3.9	UC274C	1920 x 1050 x 1438	1195	200
C110 D5B	110	100	88	80	6BTA5.9G1 - I	6L	102 x 120	5.9	UC274C	2220 x 1050 x 1577	1280	320
C125 D5	125	113	100	90	6BTA5.9G2 - I	6L	102 x 120	5.9	UC274V	2220 x 1050 x 1577	1280	320
C150 D5*	150	136	120	109	6BTA5.9G2	6L	102 x 120	5.9	UC274E	2220 x 1050 x 1577	1390	320
C150 D5e	150	136	120	109	QSB7G3	6L	107 x 124	6.69	UC274F	2656 x 1000 x 1653	1467	470
C175 D5e	175	158	140	126	QSB7G5	6L	107 x 124	6.69	UC274G	2656 x 1000 x 1653	1598	470
C200 D5e	200	182	160	146	QSB7G5	6L	114 x 135	8.3	UC274J	2656 x 1000 x 1653	1739	470
C200 D5S	204	185	163	148	6CTA8.3G2	6L	114 x 135	8.3	UC274H	2427 x 1000 x 1685	1870	340
C220 D5e	220	200	176	160	QSB7G5	6L	114 x 135	8.3	UC274J	2656 x 1000 x 1653	1739	470
C250 D5*	250	227	200	182	6CTAA8.3G2	6L	114 x 135	8.3	UC274J	2623 x 1020 x 1685	2018	340

Power output 60 Hz

Model Name	kVA		kWe		Engine				Stamford Alternator	Open Set		
	Standby ⁺	Prime ⁺	Standby ⁺	Prime ⁺	Type	Cyl Arr	Bore x Stroke mm	Disp (L)		Dimension (L x W x H) mm	Dry Weight (Kg)	Tank (L)
C60 D6	75	69	60	55	4BT3.9G4	4L	102 x 120	3.9	UC224E	1920 x 1050 x 1438	1060	200
C70 D6	88	81	70	65	4BTA3.9G3	4L	102 x 120	3.9	UC224F	1920 x 1050 x 1438	1120	200
C80 D6	100	90	80	72	4BTA3.9G4	4L	102 x 120	3.9	UC224G	1920 x 1050 x 1438	1165	200
C90 D6	112.5	100	90	80	4BTA3.9G4	4L	102 x 120	3.9	UC274C	1828 x 630 x 1368	1095	200
C110 D6	138	125	110	100	6BTA5.9G1	6L	102 x 120	5.9	UC274C	2220 x 1050 x 1577	1300	320
C125 D6e	125	113	156	141	QSB7G3	6L	107 x 124	6.69	UC274E	2656 x 1000 x 1653	1546	470
C140 D6*	175	158	140	125	6BTA5.9G2	6L	102 x 120	5.9	UC274E	2220 x 1050 x 1577	1390	320
C150 D6e	188	169	150	135	QSB7G5	6L	107 x 124	6.69	UC274F	2656 x 1000 x 1653	1546	470
C175 D6e	219	200	175	160	QSB7G5	6L	107 x 124	6.69	UC274H	2656 x 1000 x 1653	1544	470
C180 D6	225	206	180	165	6CTA8.3G2	6L	114 x 135	8.3	UC274G	2387 x 1000 x 1685	1870	340
C200 D6e	250	225	200	180	6CTAA8.3G1	6L	114 x 135	8.3	UC274G	2656 x 1100 x 1610	1835	340
C230 D6*	288	256	230	205	6CTAA8.3G2	6L	114 x 135	8.3	UC274J	2623 x 1020 x 1685	2018	340

Specifications may change without notice.

⁺Please refer to pg 15 for ratings definition.
*Advantage rating applicable to emergency standby power only.

Enclosed Set

60 - 230 kWe @ 60 Hz

C150 D5



Features:

- Less than 85 dBA @ 1m
- Insulated with acoustic foam lining
- Fork lift pockets within baseframe for transportation
- Fuel tank capacity designed for up to 8 hours operation
- Residential Silencer

Power output 50 Hz

Model Name	Canopy Type	Enclosed Set			Noise level @ 75% load
		Fuel Tank (L)	Dimension (L x W x H) mm	Dry Weight with tank (Kg)	dBA @ 1m
C70 D5	Silenced	200	2710 x 1060 x 1853	1665	78
C80 D5	Silenced	200	2710 x 1060 x 1853	1725	78
C90 D5	Silenced	200	2710 x 1060 x 1853	1770	78
C100 D5	Silenced	200	2710 x 1060 x 1853	1800	78
C110 D5B	Silenced	320	3100 x 1060 x 1987	1950	78
C125 D5	Silenced	320	3100 x 1060 x 1987	1950	78
C150 D5*	Silenced	320	3100 x 1060 x 1987	2060	78
C150 D5e	Silenced	470	3980 x 1100 x 2062	2343	77
C175 D5e	Silenced	470	3980 x 1100 x 2062	2557	77
C200 D5e	Silenced	340	3980 x 1100 x 2062	2698	77
C200 D5S	Silenced	340	3700 x 1600 x 2100	3100	85*
C220 D5e	Silenced	340	3980 x 1100 x 2062	2698	77
C250 D5*	Silenced	340	3700 x 1600 x 2100	3320	85*

Power output 60 Hz

Model Name	Canopy Type	Enclosed Set			Noise level @ 75% load
		Fuel Tank (L)	Dimension (L x W x H) mm	Dry Weight with tank (Kg)	dBA @ 1m
C60 D6	Silenced	200	2710 x 1060 x 1853	1665	82
C70 D6	Silenced	200	2710 x 1060 x 1853	1725	82
C80 D6	Silenced	200	2710 x 1060 x 1853	1770	82
C90 D6	Silenced	200	2710 x 1060 x 1853	1800	82
C110 D6	Silenced	320	3100 x 1060 x 1987	1970	82
C125 D6e	Silenced	470	3900 x 1976 x 2257	2343	80
C140 D6*	Silenced	320	3100 x 1060 x 1987	2060	82
C150 D6e	Silenced	470	3900 x 1976 x 2257	3231	80
C175 D6e	Silenced	470	3900 x 1976 x 2257	2557	80
C180 D6	Silenced	340	3700 x 1600 x 2100	3100	85*
C200 D6e	Silenced	340	3900 x 1100 x 2072	2698	85*
C230 D6*	Silenced	340	3700 x 1600 x 2100	3320	85*

Specifications may change without notice.

Open Set

275 - 650 kVA @ 50 Hz /

Features:

- Cummins water cooled diesel engine
- Oil and fuel filter, lub-oil drain valve fitted
- 50°C Radiator with drain valve
- Electric starter & Charge alternator 24 v D.C
- Electronic governor
- Normal duty air filter
- Single bearing alternator class H
- Standard voltage 400 v 50 Hz, 480 v 60 Hz
- Exciter / Voltage regulator - Torque Match as std
- PCC2100 control standard for NT855 and KTA19
- PC2.2 control standard for QSX15
- 3-pole circuit breaker
- Steel fuel tank
- Fuel tank capacity designed for up to 8 hours operation
- Starting Batteries 24v
- Industrial Silencer
- Full range of options available

C275 D5



Options:

- PCC3100 control for paralleling (except for QSL9)
- PC3.3 control for paralleling (QSX15)
- 4-pole circuit breaker
- Other voltage options

Power output 50 Hz

Model Name	kVA		kWe		Engine				Stamford	Open Set		
	Standby [†]	Prime [†]	Standby [†]	Prime [†]	Type	Cyl Arr	Bore x Stroke mm	Disp (L)	Alternator	Dimension (L x W x H) mm	Dry Weight (Kg)	Tank (L)
C275 D5	275	250	220	200	QSL9G5	6L	140 x 145	8.8	UC274K	3135 x 1100 x 1928	2119	600
C300 D5	300	275	240	220	QSL9G5	6L	140 x 145	8.8	HC4D	3135 x 1100 x 1928	2346	600
C330 D5	330	300	264	240	QSL9G5	6L	140 x 145	8.8	HC4D	3135 x 1100 x 1928	2346	600
C350 D5	350	315	280	252	NTA855G6	6L	140 x 152	14.0	HC4E	3061 x 1257 x 1914	2967	800
C400 D5	390	350	312	280	NTA855G4	6L	140 x 152	14.0	HC4F	3156 x 1245 x 1914	3127	800
C440 D5	440	400	352	320	NTA855G7	6L	140 x 152	14.0	HC5C	3230 x 1245 x 1941	3234	800
C500 D5e	500	450	400	360	QSX15G8	6L	137 x 169	15.0	HC5C	3403 x 1500 x 2059	4072	900
C550 D5e	550	500	440	400	QSX15G8	6L	137 x 169	15.0	HC5D	3403 x 1500 x 2059	4202	900
C575 D5B	576	511	461	409	KTA19G4	6L	159 x 159	18.9	HC5E	3419 x 1246 x 1906	4205	1200
C650 D5A*	650	590	520	472	KTA19G8	6L	159 x 159	18.9	HC5E	3419 x 1285 x 1906	4225	1200

Power output 60 Hz

Model Name	kVA		kWe		Engine				Stamford	Open Set		
	Standby [†]	Prime [†]	Standby [†]	Prime [†]	Type	Cyl Arr	Bore x Stroke mm	Disp (L)	Alternator	Dimension (L x W x H) mm	Dry Weight (Kg)	Tank (L)
C250 D6	313	281	250	225	QSL9G5	6L	140 x 145	8.8	UC274K	3135 x 1100 x 1928	2119	600
C275 D6	344	313	275	250	QSL9G5	6L	140 x 145	8.8	HC4D	3135 x 1100 x 1928	2346	600
C300 D6	375	344	300	275	QSL9G5	6L	140 x 145	8.8	HC4D	3135 x 1100 x 1928	2346	600
C350 D6	437	402	350	322	NTA855G3	6L	140 x 152	14.0	HC4F	3156 x 1245 x 1914	3127	800
C400 D6	500	NA	400	NA	NTA855G5	6L	140 x 152	14.0	HC4F	3156 x 1245 x 1941	3140	800
C450 D6e	562	513	450	410	QSX15G9	6L	137 x 169	15.0	HC5C	3403 x 1500 x 2059	4072	900
C500 D6e	625	569	500	455	QSX15G9	6L	137 x 169	15.0	HC5D	3403 x 1500 x 2059	4202	900
C500 D6B	626	561	501	449	KTA19G4	6L	159 x 159	18.9	HC5D	3419 x 1246 x 1906	4055	1200

Specifications may change without notice.

[†]Please refer to pg 15 for ratings definition.
*Advantage rating applicable to emergency standby power only.

Enclosed Set

313 - 501 kWe @ 60 Hz

C550 D5



Features:

- Less than 85 dBA @ 1m
- Insulated with acoustic foam lining
- Welded steel base frame with anti-vibration mounting
- Fuel tank capacity designed for up to 8 hours operation
- Residential Silencer

Power output 50 Hz

Model Name	Canopy Type	Enclosed Set			Noise level @ 75% load
		Fuel Tank (L)	Dimension (L x W x H) mm	Dry Weight with tank (Kg)	dBA @ 1m
C275 D5	Silenced	680	4254 x 1424 x 2216	3872	77
C300 D5	Silenced	680	4254 x 1424 x 2216	4095	77
C330 D5	Silenced	680	4254 x 1424 x 2216	4095	77
C350 D5	Silenced	800	4500 x 1600 x 2250	5130	85*
C400 D5	Silenced	800	4500 x 1850 x 2450	5500	85*
C440 D5	Silenced	800	4700 x 1850 x 2450	5530	85*
C500 D5e	Silenced	900	5084 x 1500 x 2370	5092	79
C550 D5e	Silenced	900	5084 x 1500 x 2370	5222	79
C575 D5B	Silenced	1200	4800 x 1800 x 2400	6400	85*
C650 D5A	Silenced	1200	4800 x 1800 x 2400	6400	85*

Power output 60 Hz

Model Name	Canopy Type	Enclosed Set			Noise level @ 75% load
		Fuel Tank (L)	Dimension (L x W x H) mm	Dry Weight with tank (Kg)	dBA @ 1m
C250 D6	Silenced	680	4254 x 1424 x 2216	3872	80
C275 D6	Silenced	680	4254 x 1424 x 2216	4095	80
C300 D6	Silenced	680	4254 x 1424 x 2216	4095	80
C350 D6	Silenced	800	4500 x 1850 x 2450	5450	85*
C400 D6	Silenced	800	4700 x 1850 x 2450	5530	85*
C450 D6e	Silenced	900	5084 x 1500 x 2370	5092	79
C500 D6e	Silenced	900	5084 x 1500 x 2370	5222	79
C500 D6B	Silenced	1200	4800 x 1800 x 2400	6400	85*

Specifications may change without notice.

* @ 100% load

Open Set

700 - 3325 kVA @ 50 Hz /

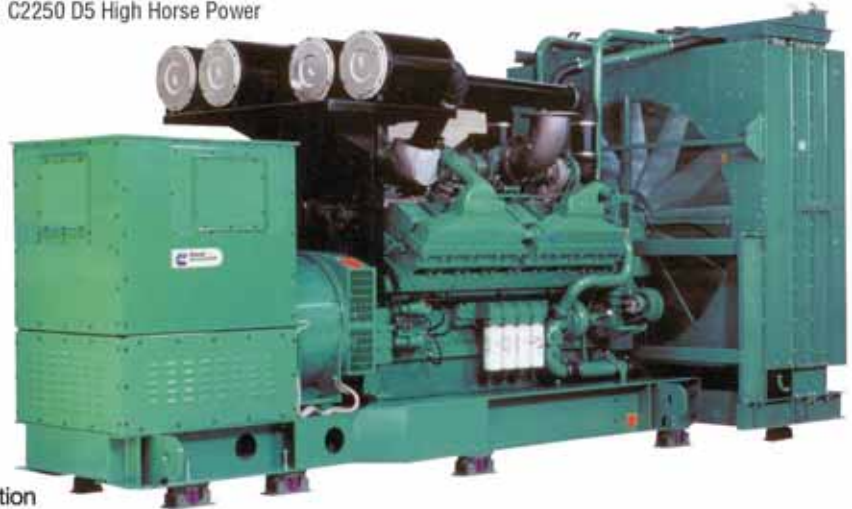
Features:

- Cummins water cooled diesel engine
- Oil and fuel filter, lub-oil drain valve fitted
- 40°C Radiator with drain tap
- Electronic governor
- Normal duty air filter
- Single bearing alternator class H
- Standard voltage 400 v 50 Hz, 480 v 60 Hz
- Exciter / Voltage regulator - PMG as std
- PCC2100 control std / PCC3100 for QST / PCC3201 for QSK60
- Steel base frame with anti-vibration mounting

Options:

- 50°C Radiator
- 3-pole circuit breaker
- Steel fuel tank
- Fuel tank capacity designed for up to 8 hours operation
- Starting Batteries 24v
- Industrial Silencer
- Other voltage options

C2250 D5 High Horse Power



Power output 50 Hz

Model Name	kVA		kWe		Engine				Stamford Alternator	Open Set		
	Standby*	Prime*	Standby*	Prime*	Type	Cyl Arr	Bore x Stroke mm	Disp (L)		Dimension (L x W x H) mm	Dry Weight (Kg)	Tank (L)
C700 D5	706	640	565	512	VTA28G5	12V	140 x 152	28.0	HC5F	3819 x 1483 x 2037	5604	1400
C825 D5A*	825	750	660	600	VTA28G6	12V	140 x 152	28.0	HC6G	4080 x 1756 x 2181	6278	1400
C840 D5	840	760	672	608	QSK23G3	6L	170 x 170	23.2	HC6G	4593 x 1502 x 2086	6550	1400
C900 D5	900	820	720	656	QSK23G3	6L	170 x 170	23.2	HC6H	4593 x 1502 x 2086	6700	1400
C1000 D5	1041	939	833	751	QST30G3	12V	140 x 165	30.5	HC6J	4230 x 1756 x 2248	6890	1700
C1100 D5	1110	1000	888	800	QST30G4	12V	140 x 165	30.5	HC6K	4469 x 1755 x 2248	7488	1700
C1100 D5B	1132	1029	906	823	KTA38G5	12V	159 x 159	37.8	HC6K	4479 x 1854 x 2194	8466	1700
C1250 D5A*	1250	1125	1000	900	KTA38G9	12V	159 x 159	37.8	P7A	4387 x 2083 x 2228	8615	1700
C1400 D5	1400	1256	1120	1005	KTA50G3	16V	159 x 159	50.3	P7B	5283 x 2066 x 2233	9960	2000
C1675 D5	1675	1406	1340	1125	KTA50G8	16V	159 x 159	50.3	P7D	5637 x 2250 x 2250	11300	2000
C1675 D5A*	1675	1500	1340	1200	KTA50GS8	16V	159 x 159	50.3	P7D	5637 x 2250 x 2250	11300	2000
C2000 D5	2063	1875	1650	1500	QSK60G3	16V	159 x 190	60.2	P7F	5828 x 2270 x 2550	16250	option
C2250 D5	2250	2000	1800	1600	QSK60G4	16V	159 x 190	60.2	P7G	5891 x 2270 x 2550	16500	option
C2500 D5A*	2500	2250	2000	1800	QSK60G8	16V	159 x 190	60.2	P8	5842 x 2270 x 2800	18000	option
2660 DQLB	3325	3000	2660	2400	QSK78G6	18V	170 x 190	77.6	P8	7158 x 2251 x 2535	25157	option

Power output 60 Hz

Model Name	kVA		kWe		Engine				Stamford Alternator	Open Set		
	Standby*	Prime*	Standby*	Prime*	Type	Cyl Arr	Bore x Stroke mm	Disp (L)		Dimension (L x W x H) mm	Dry Weight (Kg)	Tank (L)
C600 D6	754	681	603	545	VTA28G5	12V	140 x 152	28.0	HC5F	3819 x 1483 x 2037	5604	1400
C750 D6A*	938	852	750	682	VTA28G7	12V	140 x 152	28.0	HC6G	4080 x 1756 x 2181	6278	1400
C780 D6	974	880	779	704	QSK23G3	6L	170 x 170	23.2	HC6G	4593 x 1502 x 2086	6550	1400
C825 D6	1031	930	825	744	QSK23G3	6L	170 x 170	23.2	HC6H	4593 x 1502 x 2086	6700	1400
C925 D6	1156	1044	925	835	QST30G3	12V	137 x 169	15.0	HC6J	4230 x 1756 x 2248	6890	1700
C1000 D6	1265	1150	1012	920	QST30G4	12V	159 x 159	18.9	HC6J	4469 x 1755 x 2248	7488	1700
C1000 D6B	1275	1160	1020	928	KTA38G4	12V	159 x 159	37.8	HC6J	4479 x 1854 x 2194	8466	1700
C1250 D6	1587	1400	1270	1120	KTA50G3	16V	159 x 159	50.3	P7B	5283 x 2066 x 2233	9960	2000
C1500 D6	1931	1608	1545	1286	KTA50G9	16V	159 x 159	50.3	P7D	5637 x 2250 x 2250	11300	2000
C2000 D6	2500	2250	2000	1800	QSK60G6	16V	159 x 190	60.2	P7F	5828 x 2270 x 2550	16250	option
C2250 D6A*	2812	NA	2250	NA	QSK60G9	16V	159 x 190	60.2	P8	5842 x 2270 x 2800	18000	option
2500 DQLC	3125	2812	2500	2250	QSK78G6	18V	170 x 190	77.6	P8	5458 x 2251 x 2535	17141	option

Specifications may change without notice.

*Please refer to pg 15 for ratings definition.
*Advantage rating applicable to emergency standby power only.

Enclosed Set

600 - 2500 kWe @ 60 Hz

Features:

- 20/40' ISO container (CSC certified)
- 20' ISO Dim: 6058 x 2438 x 2591 (mm)
- Acoustic baffles for the air inlet and outlet
- Sandwich mineral wool attenuation
- Fuel tank standard
- Steel internal floor
- 2 side doors with recessed stainless steel hinges
- 24 volt lighting with timer for C1250 D2R
- Residential silencer with stainless steel flexible bellows



Power output 50 Hz

Model Name	Fuel Tank (L)	Dimension (L x W x H) mm	Enclosed Set	
	(Optional)		dba @ 1m @ 100% load	dba @ 7m @ 100% load
C700 D5	1400	20' ISO	85	78
C825 D5A	1400	20' ISO	85	78
C840 D5	1400	20' ISO	80	75
C900 D5	1400	20' ISO	80	75
C1000 D5	1000	20' ISO	85	78
C1100 D5	1000	20' ISO	85	78
C1250 D5A	1000	20' ISO	85	78
C1250 D2R	900	20' ISO	82	77
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.			

Power output 60 Hz

Model Name	Fuel Tank (L)	Dimension (L x W x H) mm	Enclosed Set @ 100% load	
	(Optional)		dba @ 1m @ 100% load	dba @ 7m @ 100% load
C600 D6	1400	20' ISO	85	80
C750 D6A	1400	20' ISO	85	80
C780 D6	1400	20' ISO	83	78
C825 D6	1400	20' ISO	83	78
C925 D6	1400	20' ISO	85	80
C1000 D6	1000	20' ISO	85	80
C1000 D6B	1000	20' ISO	85	80
C1250 D2R	900	20' ISO	85	82
C1500 D6	Please refer to factory.			
C2000 D6	Please refer to factory.			
C2250 D6A	Please refer to factory.			

Specifications may change without notice.

PowerCommand® Controls

Reliable, cost-effective solutions to integrated digital paralleling.



PCC2.2



PCC1301/1302



PCC2100



PCC3100



PCC3201

GenSet Model		PowerCommand Controls				
50Hz	60Hz	1301	1.1/1.2/ 1302	2.2/ 2100	3100	3.3/ 3201
C11 D5	C11 D6	●				
C15 D5	C15 D6	●				
C22 D5	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)		●			
C44 D5e	C40 D6		●			
C55 D5e	C50 D6		●			
C70 D5	C60 D6	●				
C80 D5	C70 D6	●				
C90 D5	C80 D6	●				
C100 D5	C90 D6	●				
C110 D5B	C110 D6	●				
C125 D5	NA	●				
C150 D5	C140 D6	●				
C150 D5e	C125 D6e		●			
C175 D5e	C150 D6e		●			
C200 D5e	C175 D6e		●			
C200 D5S	C180 D6	●		○		
C220 D5e	C200 D6e		●			
C250 D5	C230 D6	●		○		
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					●
2660 DQLB	2500 DQLC					●

	Main Features	Generator Controls				
		PowerCommand				
		1301	1.1/1.2/ 1302	2.2/ 2100	3100	3.3/ 3201
Human Machine	General					
	Integrated Electronic Governing	o ¹	o ¹	*	●	●
	Integrated AVR	●	●	●	●	●
	Operator Interface					
	Manual Start / Stop	●	●	●	●	●
	Auto / Remote Start	●	●	●	●	●
	Test Run – Auto	x	x	x	x	●
	Emergency Stop	●	●	●	●	●
	Alpha / Numeric Screen	●	●	●	●	●
	Discrete Status Indicators	●	●	●	●	●
Engine	Fault Reset	●	●	●	●	●
	Measurement & Instrumentation					
	Oil Pressure	●	●	●	●	●
	Oil Temperature	x	x	o ²	●	o
	Water Temperature	●	●	●	●	●
	Engine Speed	●	●	●	●	●
	Hours Run	●	●	●	●	●
	Number of Starts	●	●	●	●	●
	Battery Voltage	●	●	●	●	●
	Exhaust Temperature	x	x	x	o	x
Alternator	Measurement & Instrumentation					
	3 Phase Voltage & Frequency	●	●	●	●	●
	3 Phase Current	●	●	●	●	●
	kWh	x	x	●	●	●
	Total kVA	●	●	●	x	●
	Total kW	x	x	●	●	●
	PF	x	x	●	●	●
	Per Phase kW	x	x	●	x	●
	Per Phase kVA	x	x	●	x	●
	Shutdown Protection & Indication					
Engine	Low Fuel Level	o ³	o ³	o	o	o
	High Fuel Level	o ³	o ³	o	o	o
	High Oil Temperature	o ³	o ³	o	●	o
	Low Engine Coolant Temperature	●	●	●	●	●
	High Engine Coolant Temperature	●	●	●	●	●
	Failure to Crank Shutdown	●	●	●	●	●
	Over Crank (Failure to Start)	●	●	●	●	●
	Overspeed	●	●	●	●	●
	Low Battery Voltage Alarm	●	●	●	●	●
	High Battery Voltage Alarm	●	●	●	●	●
Low Oil Pressure	●	●	●	●	●	

Specifications may change without notice.

	Main Features	Generator Controls				
		PowerCommand				
		1301	1.1/1.2/ 1302	2.2/ 2100	3100	3.3/ 3201
Alternator	Shutdown Protection & Indication					
	Under Over Frequency	●	●	●	●	●
	Reverse Power	x	x	●	o	●
	Reverse VAR	x	x	●	o	●
	Overcurrent	●	●	●	●	●
	Short Circuit	x	x	●	●	●
	Paralleling Capability					
	Paralleling (Isolated Bus)	x	x	x	o	o
	Isochronous kW & VAR Load Sharing Control	x	x	x	o	o
	Paralleling - Utility	x	x	x	o	o
Digital Synchroscope	x	x	x	o	o	
Alternator	Power Transfer Function					
	Open Transition Transfer	x	x	x	x	o
	Fast Closed Transition	x	x	x	x	o
	Soft Closed Transition (ramping)	x	x	x	x	o
	Gen / Mains Breaker Control	x	x	x	x	o
	Gen / Mains Breaker Status	x	x	x	x	o
Alternator	Miscellaneous					
	Operating Temperature Range -40°C to +70°C	●	●	●	●	●
	Common Fault Alarm	●	●	●	●	●
	CAN Bus	x	x	△	x	x
	RS232	x	x	o	o	o
	Date and Time Stamp for alarms	●	●	●	●	●
	LonWorks	x	x	o	o	o
	RS485	●	●	x	x	x

● Standard	* Depend on engine model
o Option	o ¹ Option, except 6BTA5.9G2, 6CTAA
△ Q15 only	o ² Option, not applicable to 6C and below
x Not available	o ³ Select two of three

Ratings Definitions:

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) in accordance with ISO 8528, ISO 3046, AS 2789, DIN 6271 and BS 5514.

Automatic Transfer Switches



The above image is not to scale.

PowerCommand® Automatic Transfer Switches

PowerCommand® automatic transfer switches optimize system reliability and performance, reduce maintenance costs and enhance your entire system with unique capabilities. Cummins Power Generation automatic transfer switches (ATS) give you a range of controls for safe, dependable and easy-to-use power transfers for these modes:

Open transition transfer

Break-before-make switching action. The most basic type of transfer; the connection to one source is opened before connection to the second source is closed. The in-phase monitor or synch-check feature including the controller, monitors both sources and initiates the transfer avoiding out of phase closing.

Applications: Emergency, code-required and optional standby systems; resistive loads, small motor loads.

Delayed transition transfer (or programmed transition)

Break-before-make switching action. An open transition transfer; the switch opens the connection to one source, pauses in the center position for an adjustable time and then closes the connection to the second source. The delay between the two sources allows the decay of residual voltage before connecting to the second live source.

Applications: Inductive (motor) loads; recommended by some manufacturers of UPS and VFD equipment.

Closed transition transfer

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

Applications: Critical power requirements, including hospitals and data centres.

Bypass isolation transfer

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

Applications: Critical power requirements, including healthcare and data centres.

Model	# of poles	Size (amperes)	Transfer Types
IEC Certified Transfer Switch			
GTEC Basic feature package, heavy duty switch	2, 3, 4	40-1250 A	Open, Delayed
UL Certified Transfer Switch			
OTEC Basic feature package, heavy duty switch	3,4*	40-1000 A	Open, Delayed
OTPC Fully featured, heavy duty switch	3,4*	40-1000 A	Open, Delayed
	3,4	1000-4000 A	Open, Delayed, Closed
OHPC Premium featured, high withstand rated, high endurance mechanism	2, 3, 4	125-800 A	Open, Delayed
CHPC Premium featured, high withstand rated, high endurance mechanism	2, 3, 4	125-800 A	Open, Delayed, Closed
BTPC Fully featured, heavy duty bypass isolation switch	3, 4	150-1000 A	Open, Delayed
	3, 4	1000-4000 A	Open, Delayed, Closed

* OT switches in 40A, 70A and 125A sizes available in 3 pole only.

For more details, please contact your local distributor for a copy of the automatic transfer switches brochure

Digital Paralleling Systems



The above image is not to-scale.

PowerCommand® Digital Paralleling Systems

A leap from tradition

PowerCommand® brings your power systems into the 21st Century and beyond. Its power, simplicity and ease of use are obvious from even a quick inspection of the hardware. Rather than multiple components wired in custom manufactured control and switchgear line ups, our digital paralleling equipment has revolutionized the way paralleling is designed and manufactured.

Generator paralleling controls

Paralleling is an integrated function of our microprocessor-based genset control, PowerCommand®. In addition to monitoring, protection, governing and voltage regulation functions, this control provides paralleling functions, including synchronizing, load sharing and paralleling protection. PowerCommand® controls were the first fully integrated paralleling control systems. Now with more than 10 years of experience, PowerCommand® controls continue to have unmatched reliability.

Digital master control

All Cummins Power Generation digital master controllers are designed and manufactured around standardized control blocks for increased reliability. As a result, PowerCommand® systems deliver dependability, better performance and increased functionality and flexibility. They use fewer components, taking up to 40% less space in a plant room and are easier to service than traditional systems.

The PowerCommand® digital master controllers utilize operator interfaces and microprocessor-based controls to provide an easy interface solution for multiple generators and power systems.

Major features include:

- Load demand control for increased fuel efficiency of multiple generator set applications
- Automatic and manual load adding and shedding controls
- True RMS metering of sources
- Internet capable for remote monitoring and alarm reporting
- Isolated and infinite bus standard designs
- Easy integration into building control systems

Digital Master Control Model 1000	Digital Master Control Model 2000	Digital Master Control Model 3000
Basic paralleling system for common isolated and utility paralleling applications. <i>Topologies: isolated bus, common bus, transfer pair</i>	Advanced paralleling system for complex isolated and utility paralleling applications. <i>Topologies: isolated bus, common bus, transfer pair, main-tie-main, multiple breaker pair</i>	Highly customized paralleling system for any application. <i>Topologies: Any</i>

Powerful Networking Solutions

PowerCommand® control systems feature a LonWorks™ network interface for smooth, simple integration into a local power system monitoring network or Building Automation System BAS. Also featured is remote monitoring and control of all transfer switches and gensets from single or multiple locations via a PC with PowerCommand® for Windows or a web browser via PowerCommand® iWatch™ web servers.

The PowerCommand® LonWorks™ network interface enables data-sharing between all system components, and many interfaces to the outside world. External interfaces are available to other manufacturers' generator sets and transfer switches, and to nearly any protocol or media, including industry-standard Modbus. This flexibility allows easy interfaces to remote SCADA systems. The PowerCommand® i-Watch™ product allows cost-effective monitoring of typical systems using browser software, remote paging, and other capabilities.

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RAAD
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