FW Power
Generator and engine specialists

Cummins Powered Generating Sets 7.5 to 3000 kVA

FW Power is a leading supplier of Engines and Generators. All of our Generators are manufactured in the UK using only the highest quality component suppliers. Each manufacturer offers global warranties and aftermarket support through an experienced network of distributors and dealers. All Generators are extensively tested ensuring optimum performance, high reliability and low service intervals. ***FW Power*** offers complete project packages from ex-works supply to multi-set synchronising design build systems that use diesel, gas and CHP Generators.

Engine, Baseframe and Radiator:

- Cummins water cooled diesel engine naturally aspirated or turbo charged, governing to ISO8528-5 class G2.
- Mechanical, electronic or electronic engine management system.
- Replaceable filter elements for fuel, oil and air.
- 12 or 24 volt DC electrical system.
- Heavy duty radiator complete with fan and stone-guards.
- Base fuel tank or optional free standing fuel tank.
- Anti-vibration mounts included.
- Heavy Duty lead acid batteries.
- Industrial exhaust silencer with flexible bellows supplied loose (Up to C550).
- Full set of user manuals.
- Standard ISO8528 factory test.

Control Panel and Circuit Breaker:

- Set mounted Auto Mains (utility) Failure control module fitted as standard.
- Start / stop / auto / manual selection.
- Low oil pressure and high engine temperature protection as standard.
- Common warning / shutdown LED.
- Configurable inputs.
- Configurable outputs.
- Configurable timers and alarms.
- Event log of fault, time and run hours.
- USB connectivity.
- 3 or 4 pole MCB / MCCB / ACB.
- All Panels are Cummins built PowerStart or PowerCommand modules offering full genset functionality – details are available upon request.

Alternator:

- Single bearing close coupled alternator.
- Class H tropical insulation system.
- Brushless, self exciting with solid state AVR.
- Voltage regulation to within 1.5% at full load.
- Fully enclosed to IP 23 with drip proof air ducts.

Acoustic Enclosure (Optional):

- Bolted construction.
- Acoustic insulation material.
- Lockable hinged doors.
- Gloss powder coat paint finish.

Rating Definitions:

Prime Power: Variable Load*:* Unlimited hours usage with an average load factor of 70% of the published prime power rating over each 24 hour period. A 10% overload is available for 1 hour in every 12 hours of operation.

Standby Power: Variable Load: Limited to 500 hours annual usage up to 300 hours of which may be continuous running. No overload permitted.

Ratings are at 0.8 power factor three phase; 1.0 power factor single phase: To ISO 8528 -1, ISO 3046, BS 5514 and DIN 6271, 25°C (77°F) air inlet temperature, 99kPA barometric pressure (110m (361ft) altitude) and 30% relative humidity. Derating may be required for conditions outside these parameters.

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FW Power Cummins Powered Generating Sets Summary Data Sheet

Generator Model	kVA		Engine Data				Alternator Model	Open Generator				Silent Generator				
	Prime Power	Standby Power	Model	Arrangement	Displ (Litres)	Aspiration		Length (cm)	Width (cm)	Height (cm)	Weight (Kg)	Type	Length (cm)	Width (cm)	Height (cm)	Weight (Kg)
*For Single Phase Generators Contact **FW Power***																
Three Phase Generators																
C8 D5	7.5	8.25	X1.3G2	2 In-Line	1.3	Natural	PI044D	Not Available				Canopy	146	850	113	596
C11 D5	10	11	X1.3G2	2 In-Line	1.3	Natural	PI044E	Not Available				Canopy	146	850	113	596
C17 D5	15	16.5	X2.5G2	3 In -Line	2.5	Natural	PI044G	168	93	125	582	Canopy	209	93	145	907
C22 D5	20	22	X2.5G2	3 In -Line	2.5	Natural	PI144D	168	93	125	582	Canopy	209	93	145	907
C28 D5	25	27.5	X2.5G2	3 In -Line	2.5	Natural	PI144E	168	93	125	605	Canopy	209	93	145	930
C33 D5	30	33	X3.3G1	4 In-Line	3.3	Natural	PI144G	176	93	125	875	Canopy	225	97	152	1235
C38 D5	35	38	X3.3G1	4 In-Line	3.3	Natural	PI144H	176	93	125	910	Canopy	225	97	152	1270
C33 D5e	30	33	4BT3.3G3	4 In-Line	3.3	Turbo	UCI224C	176	93	126	645	Canopy	225	97	158	1029
C38 D5e	35	38	4BT3.3G3	4 In-Line	3.3	Turbo	UCI224C	176	93	126	705	Canopy	225	97	158	1029
C44 D5e	40	44	4BT3.3G3	4 In-Line	3.3	Turbo	UCI224C	176	93	126	776	Canopy	225	97	158	1029
C55 D5e	50	55	4BT3.3G3	4 In-Line	3.3	Turbo	UCI224D	176	93	126	776	Canopy	225	97	158	1100
C80 D5	72	80	4BTA3.9G1	4 In-Line	3.9	Turbo	UCI224F	195	105	123	1050	Canopy	229	109	148	1690
C110 D5	100	110	4ISBeG1	4 In-Line	3.9	Turbo	UCI274C	198	105	132	1200	Canopy	235	109	148	1840
C150 D5	136	150	6BTA5.9G2	6 In-Line	5.9	Turbo	UCI274E	241	110	147	1206	Canopy	292	114	171	2102
C175 D5e	158	175	QSB7G5	6 In-Line	6.7	Turbo	UCI274F	266	110	166	2128	Canopy	390	110	207	3108
C200 D5e	182	200	QSB7G5	6 In-Line	6.7	Turbo	UC274H	266	110	166	2226	Canopy	390	110	207	3206
C220 D5e	200	220	QSB7G5	6 In-Line	6.7	Turbo	UC274H	266	110	166	2226	Canopy	390	110	207	3206
C250 D5	227	250	6CTAA8.3G2	6 In-Line	8.3	Turbo	UCD274J	269	130	155	2000	Canopy	359	136	217	3296
C250 D5B	227	250	6CTAA8.3G4	6 In-Line	8.3	Turbo	UCD274J	304	105	TBC	2000	Canopy	426	136	199	4084
C275 D5B	250	275	6CTAA8.3G4	6 In-Line	8.3	Turbo	UCD274K	304	105	TBC	TBC	Canopy	426	136	199	4084
C275 D5	250	275	QSL9G5	6 In-Line	8.8	Turbo	UCD274K	314	110	193	2347	Canopy	426	143	222	3924
C300 D5	275	300	QSL9G5	6 In-Line	8.8	Turbo	HCI4D	314	110	193	2570	Canopy	426	143	222	4147
C330 D5	300	330	QSL9G5	6 In-Line	8.8	Turbo	HCI4D	314	110	193	2570	Canopy	426	143	222	4147
C350 D5	320	350	NT855G6	6 In-Line	14.0	Turbo	HCI4E	355	110	209	3386	Canopy	511	157	245	4798
C400 D5	360	400	NTA855G4	6 In-Line	14.0	Turbo	HCI4F	355	110	209	3563	Canopy	511	157	245	4975
C440 D5	400	440	NTA855G7	6 In-Line	14.0	Turbo	HC5C	355	110	212	3683	Canopy	511	157	248	5095
C400 D5e	364	400	QSX15G8	6 In-Line	15.0	Turbo	HC4F	Contact ***FW Power***				Canopy	Contact ***FW Power***			
C450 D5e	409	450	QSX15G8	6 In-Line	15.0	Turbo	HC5C	Contact ***FW Power***				Canopy	Contact ***FW Power***			
C500 D5	450	500	QSX15G8	6 In-Line	15.0	Turbo	HC5C	344	150	207	4022	Canopy	511	157	245	5672
C550 D5	500	550	QSX15G8	6 In-Line	15.0	Turbo	HC5D	344	150	207	4220	Canopy	511	157	245	5776
C700 D5	640	706	VTA28G5	12 Vee	28.0	Turbo	HC5F	405	161	TBC	5665	Container	20' ISO			
C825 D5A	750	825	VTA28G6	12 Vee	28.0	Turbo	HC6G	405	161	TBC	6040	Container	20' ISO			
C825 D5	750	825	QSK23G3	6 In-Line	23.0	Turbo	HC8G	427	188	206	6528	Container	20' ISO			
C900 D5	820	900	QSK23G3	6 In-Line	23.0	Turbo	HC6H	427	188	206	6680	Container	20' ISO			
C1000 D5	939	1041	QST30G3	12 Vee	30.0	Turbo	HC6J	430	169	TBC	6141	Container	20' ISO			
C1100 D5	1000	1110	QST30G4	12 Vee	30.0	Turbo	HC6K	458	171	234	7374	Container	40' ISO High Cube			
C1100 D5B	1029	1132	KTA38G5	12 Vee	38.0	Turbo	HC6K	447	179	223	8350	Container	40' ISO High Cube			
C1250 D5A	1125	1250	KTA38G9	12 Vee	38.0	Turbo	P7A	442	209	TBC	9041	Container	40' ISO High Cube			
C1400 D5	1250	1400	KTA50G3	16 Vee	50.0	Turbo	P7B	511	200	224	10075	Container	40' ISO High Cube			
C1675 D5	1400	1675	KTA50G8	16 Vee	50.0	Turbo	P7D	569	204	233	10626	Container	40' ISO High Cube			
C1675 D5A	1500	1675	KTA50GS8	16 Vee	50.0	Turbo	P7D	569	204	233	10626	Container	40' ISO High Cube			
C1760 D5e	1600	1760	QSK60GS3	16 Vee	60.0	Turbo	P7D	618	250	343	15736	Container	40' ISO High Cube			
C2000 D5e	1825	2000	QSK60GS3	16 Vee	60.0	Turbo	PFF	618	250	343	16258	Container	40' ISO High Cube			
C2000 D5	1875	2063	QSK60G3	16 Vee	60.0	Turbo	P7F	618	229	254	15152	Container	40' ISO High Cube			
C2250 D5	2000	2250	QSK60G4	16 Vee	60.0	Turbo	P7G	618	229	254	15510	Container	40' ISO			
C2500 D5A	2250	2500	QSK60G8	16 Vee	60.0	Turbo	P80R	618	250	312	17217	Container	40' ISO			
C2750 D5	2500	2750	QSK78G9	18 Vee	78.0	Turbo	MVSI804R	567	232	TBC	20616	Container	Contact ***FW Power***			
C3000 D5	2750	3000	QSK78G9	18 Vee	78.0	Turbo	MVSI804R	567	232	TBC	20616	Container	Contact ***FW Power***			