

Diesel Power International



**Power
Generation**

**Fully Integrated.
Reliable. Efficient.**

for you

International POWER



Our energy working for you.™



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.

We provide Single-source Warranty, total maintenance support and round-the-clock emergency service 24 hours a day, seven days a week including back-up power rental.



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 Cummins Inc which has a turnover of over US\$6 billion, Cummins Power Generation has the global resources to meet your unique power needs.



Global Strength, Local Partnership

With a world-wide distribution network across 130 countries, with approaching 500 dealers and 4500 parts outlets, we have the capability and experience to support our products wherever they are operating.

As a Cummins 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 Cummins standards.

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

38 - 250 kVA @ 50 Hz /

OpenSet

C200 OpenSet with PCC1300.



Features of the OpenSet:

- Cummins water cooled diesel engine.
- Oil and fuel filter, lub-oil drain valve fitted.
- 50°C Radiator with drain tap.
- Mechanical governor on 4B, 6B and 6C.
- Electronic governor on 4ISBe, 6ISBe, and 6CTAA.
- Normal duty air filter.
- Single bearing alternator class H/H.
- Standard voltage 380 v 50 Hz, 480 v 60 Hz.
- Other voltage options available.
- Exciter / Voltage regulator.
- PCC1300 control std.
- Steel base frame with anti-vibration mounting.

Options:

- PCC2100.
- 3-pole circuit breaker.
- Torque Match.
- Single skin plastic fuel tank with flexible fuel hoses fitted.
- Steel fuel tank.
- Fuel tank capacity designed for up to 8 hours operation.
- Set of Starting Batteries.
- Industrial Silencer delivered loose.

50 Hz												
Model name	kVA		kWe		Engine				Newage alternator	Open Version (PowerSet)		
	Standby [†]	Prime [†]	Standby [†]	Prime [†]	Type	Cyl disp	Bore x Stroke mm	Cubic cap		Dimension (L x W)	Weight (kg)	Tank (L)
C38 D5	38	33	30	26	4B3.3G1	4L	95 x 115	3.3	UC224C	1680 x 645	700	150
C55 D5	55	50	44	40	4BT3.3G2	4L	95 x 115	3.3	UC224E	1770 x 645	754	150
C70 D5	70	63	56	50	4BT3.9G4	4L	102 x 120	3.9	UC224F	1827 x 630	1167	106
C80 D5	80	72	64	58	4BTA3.9G1	4L	102 x 120	3.9	UC224F	1827 x 630	1217	106
C110 D5	110	100	88	80	4-ISBeG1	4L	102 x 120	3.9	UC274C	1950 x 1046	1326	230
C110 D5S	110	100	88	80	6BTA5.9G1	6L	102 x 120	5.9	UC274C	2150 x 810	1200	230
C125 D5	125	113	100	90	6BTA5.9G2	6L	102 x 120	5.9	UC274E	2270 x 810	1300	230
C150 D5*	150	136	120	109	6BTA5.9G2	6L	102 x 120	5.9	UC274F	2162 x 675	1750	200
C180 D5	180	164	144	131	6-ISBeG1	6L	102 x 120	5.9	UC274G	2404 x 1110	1978	230
C200 D5S	204	185	163	148	6CTA8.3G2	6L	114 x 135	8.3	UC274H	2420 x 831	1836	330
C225 D5	226	205	181	164	6CTAA8.3G2	6L	114 x 135	8.3	UC274J	2492 x 770	1884	330
C250 D5*	250	227	200	182	6CTAA8.3G2	6L	114 x 135	8.3	UC274J	2550 x 770	1993	330

60 Hz												
Model name	kVA		kWe		Engine				Newage alternator	Open Version (PowerSet)		
	Standby [†]	Prime [†]	Standby [†]	Prime [†]	Type	Cyl disp	Bore x Stroke mm	Cubic cap		Dimension (L x W)	Weight (kg)	Tank (L)
C35 D6	44	40	35	32	4B3.3G1	4L	95 x 115	3.3	UC224C	1680 x 645	700	150
C50 D6	64	58	51	46	4BT3.3G2	4L	95 x 115	3.3	UC224E	1770 x 645	754	150
C60 D6	75	69	60	55	4BT3.9G4	4L	102 x 120	3.9	UC224E	1827 x 630	1167	106
C70 D6	88	81	70	65	4BTA3.9G2	4L	102 x 120	3.9	UC224F	1827 x 630	1167	106
C95 D6	120	110	96	88	6BTA5.9G1	6L	102 x 120	5.9	UC274C	2150 x 810	1200	230
C100 D6	125	113	100	90	4-ISBeG1	4L	102 x 120	3.9	UC274C	1950 x 1046	1326	230
C110 D6	138	125	110	100	6BTA5.9G2	6L	102 x 120	5.9	UC274C	2270 x 810	1300	230
C135 D6	169	153	135	122	6BTA5.9G2	6L	102 x 120	5.9	UC274E	2162 x 675	1750	200
C165 D6	206	188	165	150	6-ISBeG1	6L	102 x 120	5.9	UC274G	2404 x 1110	1978	230
C180 D6	225	206	180	165	6CTA8.3G2	6L	114 x 135	8.3	UC274G	2420 x 831	1836	330
C200 D6	250	225	200	180	6CTAA8.3G2	6L	114 x 135	8.3	UC274G	2550 x 770	1993	330
C225 D6*	281	256	225	205	6CTAA8.3G2	6L	114 x 135	8.3	UC274J	2550 x 770	1993	330

35 - 225 kW @ 60 Hz



SilentPower



C80 with silenced enclosure.

Features of SilentPower Canopy:

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

50 Hz					
Model name	Canopy Type	Enclosed Version (SilentPower)			Noise level
		Fuel tank (L)	Dimensions (L x W x H)	Weight (kg)	dBA @ 1m
C38 D5	Silenced	150	2253 x 1005 x 1450	2000	85
C55 D5	Silenced	150	2253 x 1005 x 1450	2000	85
C70 D5	Silenced	106	1950 x 1084 x 1480	1778	85
C80 D5	Silenced	106	1950 x 1084 x 1480	1817	85
C110 D5	Silenced	option	1950 x 1084 x 1480	1878	85
C110 D5S	Silenced	200	2890 x 1050 x 2105	3400	85
C125 D5	Silenced	200	2890 x 1050 x 2105	3400	85
C150 D5*	Silenced	200	2950 x 1135 x 1480	2302	85
C180 D5	Silenced	option	2950 x 1135 x 1480	2530	85
C200 D5S	Silenced	330	3581 x 1260 x 2200	3123	85
C225 D5	Silenced	330	3581 x 1260 x 2200	3123	85
C250 D5*	Silenced	330	3581 x 1260 x 2200	3123	85

60 Hz					
Model name	Canopy Type	Enclosed Version (SilentPower)			Noise level
		Fuel tank (L)	Dimensions (L x W x H)	Weight (kg)	dBA @ 1m
C35 D6	Silenced	106	2253 x 1005 x 1450	2000	85
C50 D6	Silenced	106	2253 x 1005 x 1450	2000	85
C60 D6	Silenced	106	2280 x 1084 x 1480	1778	85
C70 D6	Silenced	106	2280 x 1084 x 1480	1817	85
C95 D6	Silenced	200	2890 x 1050 x 2105	3400	85
C100 D6	Silenced	112	1950 x 1084 x 1480	1878	85
C110 D6	Silenced	200	2890 x 1050 x 2105	3400	85
C135 D6	Silenced	200	2950 x 1135 x 1480	2302	85
C165 D6	Silenced	340	2950 x 1135 x 1480	2530	85
C180 D6	Silenced	330	3581 x 1260 x 2200	3123	85
C200 D6	Silenced	330	3581 x 1260 x 2200	3123	85
C225 D6*	Silenced	330	3581 x 1260 x 2200	3123	85

Specifications may change without notice.

* Advantage rating applicable to emergency standby power only and are standard with a 40°C Radiator.

313 - 550 kVA @ 50 Hz /

OpenSet



Features of the OpenSet:

- Cummins water cooled diesel engine.
- Oil and fuel filter, lub-oil drain valve fitted.
- 40°C Radiator with drain valve, 50°C option.
- Electric starter & Charge alternator 24 v D.C.
- Electronic governor.
- Normal duty air filter.
- Single bearing alternator class H/H.
- Standard voltage 380 v 50 Hz, 480 v 60 Hz.
- Other voltage options available.
- Exciter / Voltage regulator - Torque Match as std.
- PCC3100 control standard / PCC3200 for QSX15.
- Full range of options available.

50 Hz												
Model name	kVA		kWe		Engine				Newage alternator	Open Version (PowerSet)		
	Standby [†]	Prime [†]	Standby [†]	Prime [†]	Type	Cyl disp	Bore x Stroke mm	Cubic cap		Dimension (L x W)	Weight (kg)	Tank (L)
DFBF	313	279	250	223	NT855G6	6L	140 x 152	14	HC4D	3200 x 1080	3282	800
DFBH	350	315	280	252	NT855G6	6L	140 x 152	14	HC4E	3200 x 1080	3384	800
DFCC	390	350	312	280	NTA855G4	6L	140 x 152	14	HC4F	3290 x 1080	3602	800
DFCE*	440	400	352	320	NTA855G7	6L	140 x 152	14	HC5C	3490 x 1200	3750	800
DFEL	500	450	400	360	KTA19G3	6L	159 x 159	18.9	HC5D	3490 x 1285	4790	1200
DFEJ	500	450	400	360	QSX15G8	6L	137 x 169	15	HC5D	3868 x 1524	4440	1200
DFEK	550	500	440	400	QSX15G8	6L	137 x 169	15	HC5E	3868 x 1524	4620	1200
DFED	576	511	461	409	KTA19G4	6L	159 x 159	18.9	HC5E	3490 x 1285	4970	1200

60 Hz												
Model name	kVA		kWe		Engine				Newage alternator	Open Version (PowerSet)		
	Standby [†]	Prime [†]	Standby [†]	Prime [†]	Type	Cyl disp	Bore x Stroke mm	Cubic cap		Dimension (L x W)	Weight (kg)	Tank (L)
DFCC	437	402	350	322	NTA855G3	6L	140 x 152	14	HC4D	3200 x 1080	3282	800
DFCE*	500	-	400	-	NTA855G5	6L	140 x 152	14	HC4F	3290 x 1080	3602	800
DFEL	562	504	450	403	KTA19G3	6L	159 x 159	18.9	HC5C	3490 x 1285	4634	1200
DFEJ	563	513	450	410	QSX15G9	6L	137 x 169	15	HC5C	3868 x 1524	4300	1200
DFEK	625	569	500	455	QSX15G9	6L	137 x 169	15	HC5C	3868 x 1524	4300	1200
DFED	626	561	501	449	KTA19G4	6L	159 x 159	18.9	HC5C	3490 x 1285	4634	1200

350 - 500 kWe @ 60 Hz



SilentPower



Features of SilentPower Canopy:

- Less than 85 dBA @ 1m.
- Insulated with acoustic foam lining.
- Welded steel base frame with anti-vibration mounting.
- Fuel tank available as option.
- Residential Silencer.

50 Hz					
Model name	Canopy Type	Enclosed Version (SilentPower)			Noise level
		Fuel tank	Dimensions (L x W x H)	Weight (kg)	dBA @ 1m
DFBF	Silenced	option	4400 x 1720 x 2884	5150	85
DFBH	Silenced	option	4400 x 1720 x 2884	5150	85
DFCC	Silenced	option	4400 x 1720 x 2884	5434	85
DFCE*	N/A	N/A	N/A	N/A	N/A
DFEL	Silenced	option	4400 x 1720 x 2884	6524	85
DFEJ	Silenced	1000	5300 x 2100 x 2800	7200	85
DFEK	Silenced	1000	5300 x 2100 x 2800	7200	85
DFED	Silenced	option	4400 x 1720 x 2884	6804	85

60 Hz					
Model name	Canopy Type	Enclosed Version (SilentPower)			Noise level
		Fuel tank	Dimensions (L x W x H)	Weight (kg)	dBA @ 1m
DFCC	Silenced	option	4400 x 1720 x 2884	5150	85
DFCE*	Silenced	option	4400 x 1720 x 2884	5150	85
DFEL	Silenced	option	4400 x 1720 x 2884	6524	85
DFEJ	Silenced	1000	5300 x 2100 x 2800	7200	85
DFEK	Silenced	1000	5300 x 2100 x 2800	7200	85
DFED	Silenced	option	4400 x 1720 x 2884	6524	85

700 - 3325 kVA @ 50 Hz /

OpenSet

Features of the OpenSet:

- 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/H.
- Standard voltage 380 v 50 Hz, 480 v 60 Hz.
- Other voltage options available.
- Exciter / Voltage regulator.
- PCC3100 control std / PCC3200 for QSK23 & QSK60.
- Steel base frame with anti-vibration mounting.

Options:

- 3-pole circuit breaker.
- Steel fuel tank.
- Fuel tank capacity designed for up to 8 hours operation.
- Set of Starting Batteries.
- Industrial Silencer delivered loose.



50 Hz												
Model name	kVA		kWe		Engine				Newage alternator	Open Version (PowerSet)		
	Standby [†]	Prime [†]	Standby [†]	Prime [†]	Type	Cyl disp	Bore x Stroke mm	Cubic cap		Dimension (L x W)	Weight (kg)	Tank (L)
DFGB	706	640	565	512	VTA28G5	12	140 x 152	28	HC5F	3875 x 1423	5665	option
DFGD*	825	750	660	600	VTA28G6	12	140 x 152	28	HC6G	3875 x 1423	6699	option
DQCB	840	760	672	608	QSK23G3	6	170 x 170	23.15	HC6H	4414 x 1738	6668	option
DQCC	894	814	715	651	QSK23G3	6	170 x 170	23.15	HC6J	4414 x 1738	6823	option
DFJC	1040	936	832	748	KTA38G3	12	159 x 159	37.8	HC6J	4570 x 1700	7640	option
DFHC	1041	939	833	751	QST30G3	12	140 x 165	30.48	HC6J	4460 x 1640	7450	option
DFHD	1110	1000	888	800	QST30G4	12	140 x 165	30.48	HC6K	4547 x 1722	8000	option
DFJD	1132	1029	906	823	KTA38G5	12	159 x 159	37.8	HC6K	4570 x 1700	7640	option
DFLC	1400	1256	1120	1005	KTA50G3	16	159 x 159	50.3	HC7E	5690 x 2000	10300	option
DFLE	1675	1406	1340	1125	KTA50G8	16	159 x 159	50.3	HC7G	5866 x 2033	11700	option
DFLF*	1675	1500	1340	1200	KTA50GS8	16	159 x 159	50.3	HC7G	5866 x 1785	11700	option
DQKC	2063	1875	1650	1500	QSK60G3	16	159 x 159	50.3	HC7H	4894 x 2068	12800	option
DQKD	2250	2000	1800	1600	QSK60G4	16	159 x 190	60.2	LV8C	6090 x 2286	16649	option
DQKH*	2500	2250	2000	1800	QSK60G8	16	159 x 190	60.2	P80G	6090 x 2286	17500	option
DQLB	3325	3000	2660	2400	QSK78G6	18	170 x 190	77.6	824	6628 x 2251	25800	option

60 Hz												
Model name	kVA		kWe		Engine				Newage alternator	Open Version (PowerSet)		
	Standby [†]	Prime [†]	Standby [†]	Prime [†]	Type	Cyl disp	Bore x Stroke mm	Cubic cap		Dimension (L x W)	Weight (kg)	Tank (L)
DFGB	754	681	603	545	VTA28G5	12	140 x 152	28	HC5F/HC6G	4092 x 1423	6040	option
DFGE*	938	852	750	682	VTA28G7	12	140 x 152	28	HC6G	4060 x 1756	7250	option
DQCB	974	880	779	704	QSK23G3	6	170 x 170	23.15	HC6H	4414 x 1738	6668	option
DQCC	1031	930	825	744	QSK23G3	6	170 x 170	23.15	HC6J	4414 x 1738	6823	option
DFJC	1151	1046	921	837	KTA38G3	12	159 x 159	37.8	HC6H	4570 x 1700	7640	option
DFHC	1156	1044	925	835	QST30G3	12	140 x 165	30.48	HC6J	4460 x 1640	7450	option
DFHD	1250	1150	1020	920	QST30G4	12	140 x 165	30.48	HC6J	4460 x 1640	7450	option
DFJD	1276	1160	1020	928	KTA38G4	12	159 x 159	37.8	HC6J	4570 x 1700	7640	option
DFLC	1587	1400	1270	1120	KTA50G3	16	159 x 159	50.3	HC7E	5690 x 2000	10300	option
DFLE	1931	1608	1545	1286	KTA50G9	16	159 x 159	50.3	HC7G	5866 x 2033	12100	option
DQKC	2500	2250	2000	1800	QSK60G6	16	159 x 190	60.2	LV8C	6090 x 2286	16649	option
DQKH*	2820	N/A	2250	N/A	QSK60G9	16	159 x 190	60.2	P80G	6090 x 2286	17500	option
DQLA	3375	3044	2700	2435	QSK78G6	18	170 x 190	77.6	824	5540 x 2251	19000	option

600 - 2700 kWe @ 60 Hz



PowerBox

Features of the PowerBox:

- 20/40' ISO container (CSC certified).
- 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.
- Residential silencer with stainless steel flexible bellows.

50 Hz										
Model name	PowerBox Model	Fuel tank (optional)	Dimensions	SilentPower		PowerBox Model	Fuel tank (standard)	Dimensions	SuperSilenced	
				dBA @ 1m	dBA @ 7m				dBA @ 1m	dBA @ 7m
DFGB	SPB-20	500 L	20'	85	75	SSPB-40	500 L	40'	75	65
DFGD*	SPB-20	500 L	20'	85	75	SSPB-40	500 L	40'	75	65
DQCB	SPB-20	500 L	20'	85	75	SSPB-40	500 L	40'	75	65
DQCC	SPB-20	500 L	20'	85	75	SSPB-40	500 L	40'	75	65
DFJC	SPB-20	500 L	20'	85	75	SSPB-40	500 L	40'	78	68
DFHC	SPB-20	500 L	20'	85	75	SSPB-40	500 L	40'	75	65
DFHD	SPB-20	500 L	20'	85	75	SSPB-40	500 L	40'	78	68
DFJD	SPB-20	500 L	20'	85	75	SSPB-40	500 L	40'	78	68
DFLC	SPB-20	500 L	20'	85	75	SSPB-40	500 L	40'	78	68
DFLE	SPB-40	500 L	40'	85	75	SSPB-40	500 L	40'	78	68
DFLF*	SPB-40	500 L	40'	85	75	SSPB-40	500 L	40'	78	68
DQKC	Please consult us					SSPB-40X	2000 L	40'	80	70
DQKD						SSPB-40X	2000 L	40'	80	70
DQKH*						SSPB-40X	2000 L	40'	80	70
DQLB						Please consult us				

60 Hz										
Model name	PowerBox Model	Fuel tank (optional)	Dimensions	SilentPower		PowerBox Model	Fuel tank (standard)	Dimensions	SuperSilenced	
				dBA @ 1m	dBA @ 7m				dBA @ 1m	dBA @ 7m
DFGB	SPB-20	500 L	20'	88	78	SSPB-40	500 L	40'	78	68
DQGE*	SPB-20	500 L	20'	88	78	SSPB-40	500 L	40'	78	68
DQCB	SPB-20	500 L	20'	88	78	SSPB-40	500 L	40'	78	68
DQCC	SPB-20	500 L	20'	88	78	SSPB-40	500 L	40'	78	68
DFJC	SPB-20	500 L	20'	88	78	SSPB-40	500 L	40'	78	68
DFHC	SPB-20	500 L	20'	88	78	SSPB-40	500 L	40'	78	68
DFHD	SPB-20	500 L	20'	88	78	SSPB-40	500 L	40'	78	68
DFJD	SPB-20	500 L	20'	88	78	SSPB-40	500 L	40'	81	71
DFLC	SPB-20	500 L	20'	88	78	SSPB-40	500 L	40'	81	71
DFLE	Please consult us					SSPB-40X	2000 L	40'	83	73
DQKC						SSPB-40X	2000 L	40'	83	73
DQKH*						SSPB-40X	2000 L	40'	83	73
DQLA						Please consult us				

PowerCommand™ Controls



PCC1300



PCC2100 with optional Bargraph fitted.



PCC3100



PCC3200

GenSet Model	Standby Rating kVA	PCC1300	PCC2100	PCC3100	PCC3200
C35	35	●	0	0	
C38	38	●	0	0	
C50	51	●	0	0	
C55	55	●	0	0	
C60	60	●	0	0	
C70	70	●	0	0	
C80	80	●	0	0	
C95	96	●	0	0	
C100 (4-ISBe)	100		●		0
C110 (4-ISBe)	110		●		0
C110	110	●	0	0	
C125	125	●	0	0	
C135	135	●	0	0	
C150	150	●	0	0	
C165 (6-ISBe)	165		●		0
C180 (6-ISBe)	180		●		0
C180	180	●	0	0	
C200	204	●	0	0	
C225	225	●	0	0	
C250	250	●	0	0	
DFBF	313			●	
DFBH	350			●	
DFCC	390			●	
DFCE	440			●	
DFEL	500			●	
DFEJ	500				●
DFEK	550				●
DFED	576			●	
DFGB	706			●	
DFGD	825			●	
DQCB	840				●
DQCC	894				●
DFGE	938			●	
DFJC	1040			●	
DFHC	1041			●	
DFHD	1110			●	
DFJD	1132			●	
DFLC	1400			●	
DFLE	1675			●	
DFLF	1675			●	
DQKC	2063				●
DQKD	2250				●
DQKH	2500				●
DQLA	2700				●
DQLB	3325				●

Main Features		PCC1300	Control Model		
			PCC2100	PCC3100	PCC3200
	Integrated Electronic Governing	x	●	●	●
	Integrated AVR	●	●	●	●
Human Machine Interface	Manual Start / Stop	●	●	●	●
	Auto / Remote Start	●	●	●	●
	Test Run – Manual	●	●	●	●
	Test Run – Auto	x	x	x	●
	Emergency Stop	0	●	●	●
Engine Measurements / Instrumentation	Oil Pressure	x	●	●	●
	Oil Temperature	x	●	●	●
	Water Temperature	x	●	●	●
	Engine Speed	●	●	●	●
Alternator Measurements / Instrumentation	Hours Run	x	●	●	●
	Number of Starts	x	●	●	●
	Battery Voltage	x	●	●	●
	Exhaust Temperature	x	x	0	0
	3 Phase Voltage & Frequency	●	●	●	●
	3 Phase Current	●	0	●	●
	kWh	x	●	●	●
Engine Protection	Total kVA	x	●	x	●
	Total kW & kVAR	x	●	●	●
	PF	x	●	●	●
	Per Phase kVAR, kW	x	●	x	●
	Per Phase kVA	x	●	x	●
	Low Fuel Level	x	0	●	0
	High Fuel Level	x	0	x	x
	High Oil Temperature	x	●	x	●
	Low Engine Coolant Temperature	●	●	x	x
	High Engine Coolant Temperature	●	●	●	●
Miscellaneous	Failure to Crank Shutdown	●	●	●	●
	Over Crank (Failure to Start)	●	●	●	●
	Overspeed	●	●	●	●
	Low Battery Voltage Alarm	●	●	●	●
	High Battery Voltage Alarm	●	●	●	●

Main Features		PCC1300	Control Model		
			PCC2100	PCC3100	PCC3200
Alternator Protection	Under Over Frequency	●	●	●	●
	Reverse Power	x	●	●	●
	Reverse VAr	x	●	x	●
	Overcurrent	●	●	●	●
	Short Circuit	●	●	●	●
	Earth Leakage	x	x	0	0
	Phase Sequence	x	x	●	●
	Paralleling Capability	Auto Synchronising (Isolated Bus)	x	x	0
Isochronous kW & VAr Load Sharing Control		x	x	0	0
Auto Synchronising (Utility Bus)		x	x	0	0
Base Load (Utility Bus)		x	x	0	0
Synchroscope		x	x	0	0
Power Transfer Function	Peak Lopping	x	x	0	0
	Open Transition Transfer	x	0	x	0
	Hard Closed Transition	x	x	x	0
	Soft Closed Transition (ramping)	x	x	x	0
	Transfer & Base Load (Utility)	x	x	x	0
	Gen / Mains Breaker Control	x	0	x	0
	Gen / Mains Breaker Status Protection	x	0	x	0
Miscellaneous	Operating Temperature Range -40°C to +70°C	●	●	●	●
	CE Marked	●	●	●	●
	Common Fault Alarm	x	●	●	●
	CAN Bus	x	0	x	0
	RS232	x	●	0	0
	Date and Time Stamp for alarms	●	●	●	●
	LonWorks	x	0	0	0

● Standard x Not available 0 Option

RATINGS DEFINITION

+ PRIME POWER

Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO8528-1.

A 10% overload capability is available for a period of 1 hour within 12-hour period of operation, in accordance with ISO 3046-1.

STANDBY POWER RATING

The Standby Power Rating is applicable for supplying emergency power for the duration of a utility power interruption. No overload, utility parallel or negotiated outage operation capability is available at this rating.

In installations served by unreliable utility sources (where outages last longer or occur more frequently), where operation is likely to exceed 200 hours per year, the prime power rating should be applied.

All ratings are based on the following reference conditions:

- Ambient temperature – 27°C
- Altitude above sea level – 150 metres
- Relative humidity – 60%

Our energy working for you.™

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