

# CPC

## / Series (20-520 kVA & 230-1660 kVA)

# 50Hz

### Powered by DCEC & CCEC Engines

### Specifications

COOLPOWER Gensets Model	Output			Consumption (Full load)		Technical data of Engine 1500rpm						Dimension & Weight		
	kVA	kW	A	Diesel (l/hr)	Lub. Oil (l/hr)	Engine Model	Cylinders	Vol. (litre)	Air Intake (m³/min)	Lub. Oil Cap(l)	Coolant Cap(l)	Dimension(L x W x H) (mm)	G.W	N.W
CPC20	20	16.0	28.9	5.7	0.04	4B3.9-G1/G2	4	3.9	4	11	23	1650x850x1360	793	770
CPC22E	22	17.6	31.8	6.3										
CPC25	25	19.6	35.4	6.7	0.06	4B3.9-G1/G2	4	3.9	4	11	23	1650x850x1360	807	784
CPC27.5E	27	21.8	39.3	7.5										
CPC30	30	24.0	43.3	7.8	0.07	4BT3.9-G1/G2	4	3.9	4	11	23	1650x850x1360	893	870
CPC33E	33	26.4	47.6	8.3	0.08	4BT3.9-G1/G2	4	3.9	4	11	23	1765x850x1360	917	894
CPC35	35	28.0	50.5	8.6										
CPC38E	38	30.2	54.6	9.3	0.09	4BT3.9-G1/G2	4	3.9	4	11	23	1720x850x1360	917	894
CPC42E	42	33.3	60.0	10.3										
CPC50	50	40.0	72.2	11.8	0.12	4BTA3.9-G2	4	3.9	4	11	23.7	1750x850x1410	1094	1070
CPC55E	55	44.0	79.4	13.3										
CPC72	73	58.0	104.6	18.0	0.16	6BT5.9-G1/G2	6	5.9	5.9	16	27.7	2020x900x1410	1338	1310
CPC80E	80	64.0	115.5	19.5										
CPC85	85	68.0	122.7	20.0	0.19	6BT5.9-G1/G2	6	5.9	5.9	16	27.7	2210x900x1490	1358	1330
CPC90E	91	72.6	131.1	23.0										
CPC95	98	78.0	140.7	22.0	0.21	6BT5.9-G1/G2	6	5.9	5.9	16	27.7	2100x900x1565	1378	1350
CPC105E	108	86.2	155.6	25.0										
CPC100	100	80.0	144.3	20.0	0.24	6BTA5.9-G2	6	5.9	7.3	16	29.4	2100x900x1520	1409	1380
CPC110E	110	88.0	158.8	23.0										
CPC120	120	95.7	172.6	27.0	0.27	6BTA5.9-G2	6	5.9	7.3	16	29.4	2100x900x1520	1429	1400
CPC130E	130	103.9	187.5	30.0										
CPC130	132	105.6	190.5	30.0	0.32	6BTA5.9-G2	6	5.9	8.2	16	29.6	2350x900x1580	1645	1615
CPC145E	145	115.8	209.0	34.0										
CPC160	160	128.0	230.9	35.0	0.36	6CTA8.3-G2	6	8.3	8.8	24	38	2350x950x1640	1738	1700
CPC175E	175	140.0	252.6	39.5										
CPC180	181	144.4	260.5	40.0	0.42	6CTA8.3-G2	6	8.3	8.8	24	38	2415x950x1675	1708	1670
CPC200E	200	160.0	288.7	45.0										
CPC200	200	160.0	288.7	45.4	0.42	6CTAA8.3-G2	6	8.3	9.7	24	40	2500x1000x1690	1840	1800
CPC220E	220	176.0	317.6	51.4										
CPC245	245	195.8	353.2	53.0	0.55	6LTA8.9-G2	6	8.9	11.2	28	40	2575x1000x1800	2030	1990
CPC265E	266	212.4	383.2	58.0										
CPC325	325	260.0	469.1	69.0	0.68	QSM11-G2*	6	10.8	24.2	36.7	37.5	3000X1310X1850	2880	2800
CPC355E	358	286.0	516.0	79.0										
CPC380	381	304.9	550.1	76.5	0.78	6ZTAA13-G3	6	13	30.1	45.4	73.1	3050X1360X2090	4250	4100
CPC420E	423	338.6	610.9	86.9										
CPC400	400	320.0	577.4	89.1	0.88	6ZTAA13-G2	6	13	30.1	45.4	73.1	3150X1360X2090	4250	4100
CPC450E	450	360.0	649.5	95.8										
CPC450	450	360.2	649.8	88.8	0.88	QSZ13-G2*	6	13	30.1	45.4	75.1	3150X1360X2090	4280	4130
CPC490E	494	395.4	713.3	98.7										
CPC500	500	400.0	721.7	101.0	1.02	QSZ13-G3*	6	13	30.2	45.4	73.1	3150X1360X2090	4280	4130
CPC520E	520	416.0	750.6	105.5										
CPC225	230	184.0	332.0	40.6	0.22	NT855-GA	6	14	19.4	38.6	65.8	2910x1120x1850	2666	2600
CPC250E	260	208.0	375.3	45.2	0.24									
CPC250	250	200.0	360.9	45.1	0.23	NT855-GA	6	14	19.4	38.6	65.8	2910x1120x1850	2766	2700
CPC275E	275	220.0	396.9	52.8	0.25									
CPC265	266	213.1	384.5	52.2	0.24	NTA855-G1	6	14	19.26	38.6	65.8	3050x1120x1880	3016	2950
CPC290E	293	234.2	422.5	65.1	0.25									
CPC285	290	232.3	419.2	61.3	0.26	NTA855-G1A	6	14	21.3	36.7	65.8	3050x1120x1880	3016	2950
CPC315E	320	256.0	461.9	68.3	0.28									
CPC325	325	260.0	469.1	59.3	0.28	NTA855-G2A	6	14	23.7	36.7	69.8	3050x1120x1880	3070	3000
CPC358E	358	286.0	516.0	65.8	0.30									
CPC350	350	280.0	505.2	64.8	0.32	NTA855-G4	6	14	24.5	36.7	69.8	3170x1120x2030	3170	3100
CPC390E	390	312.2	563.2	74	0.37									
CPC380	384	307.1	554.1	85.4	0.35	NTAA855-G7	6	14	30.6	36.7	69.8	3250x1120x2030	3270	3200
CPC420E	421	336.6	607.4	94	0.4	NTAA855-G7A	6	14	29.1	36.7	68.8	3250x1120x2030	3419	3350
CPC450E	450	360.0	649.5	82.8	0.41									
CPC450	458	366.7	661.7	86.8	0.43	KTA19-G3	6	18.9	29.2	50	94	3160x1310x2020	4094	4000
CPC500E	510	408.1	736.3	96	0.48									
CPC500	514	411.2	741.8	96	0.48	KTA19-G4/G3A	6	18.9	31.9	50	94	3160x1310x2020	4094	4000
CPC550E	578	462.5	834.4	105.6	0.52									
CPC535	539	430.8	777.3	105.6	0.52	KTAA19-G5	6	18.9	41.5	50	112	3600x1650x2370	4912	4800
CPC625E	637	509.4	919.0	120	0.6									
CPC595	598	478.2	862.9	116.3	0.58	KTAA19-G6	6	18.9	43.9	50	120	3600x1650x2370	4920	4800
CPC650E	654	523.5	944.6	128	0.64									
CPC700E	702	561.9	1013.9	158.4	0.64	KTAA19-G6A	6	18.9	58.1	50	120	3600x1650x2370	4920	4800
CPC750	761	608.9	1098.6	150.3	0.75	KTA38-G2	12	37.8	52.7	135	228	4350x1720x2450	7868	7640
CPC825E	838	670.6	1210.0	166	0.83									
CPC820	822	657.4	1186.1	170.4	0.84	KTA38-G2B	12	37.8	55.2	135	239	4350x1720x2450	8119	7880
CPC910E	913	730.1	1317.3	187.2	0.89									
CPC940	940	752.0	1356.8	169.4	0.84	KTA38-G2A	12	37.8	51.5	135	239	4350x1720x2450	8119	7880
CPC1010E	1010	808.0	1457.9	179	0.89									
CPC1020	1021	816.9	1473.9	190.1	0.95									
CPC1100E	1110	888.0	1602.2	197.6	0.99	KTA38-G5	12	37.8	68.4	135	245	4385x2057x2320	8345	8100
CPC1250E	1264	1011.4	1824.8	256	0.63	KTA38-G9	12	37.8	72.8	135	245	4385x2057x2320	8445	8200
CPC1275	1275	1020.2	1840.6	274	0.3	KTA50-G3	16	50.3	90	176.8	297	4950x2230x2500	11297	11000
CPC1400E	1426	1141.1	2058.9	293	0.31									
CPC1390	1395	1116.2	2013.9	277.8	1.25	KTA50-G8	16	50.3	99	204	360	4950x2230x2500	11360	11000
CPC1650E	1650	1320.0	2381.6	318.3	1.43									
CPC1500	1500	1200.0	2165.1	309	1.3	KTA50-GS8	16	50.3	94.8	204	335	4950x2230x2500	11360	11000
CPC1650E	1660	1328.0	2396.1	345	1.45									

#### Note:

Dimensions and weight are approximate values.  
Deration may be necessary at certain voltages.

Ratings based on ISO3046, BS5514, DIN6271, ±5% tolerance. Standard reference conditions: air inlet temperature 27°C, altitude 100m asl, fuel weight 0.85Kg/l.  
Prime rating: Continuous running at variable load. No limit to the annual hours of operations.

10% overload capability for 1 hour in any 12 hours. Standby rating: Emergency power at variable load in the event of Utility power failure. No overload is permitted.

- Models ended with "E" refer to Standby Power Gensets;
- DCEC G1 models use mechanical governor, G2 models use electrical governor. All CCEC models use electrical governors;
- To ensure optimum performance, high quality diesel fuel with water separator is recommended for COOLPOWER Gensets;
- Suggested lubrication oil, API CE and above with temperature / viscosity of 15W-40.

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