

CPP / Series (9-2500 kVA)

50Hz

Powered by PERKINS 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
CPP9	9	6.9	12.4	2.6	0.014	403A-11G1Δ	3	1.1	0.7	4.9	5.2	1055×650×1010	310	305
CPP10E	9	7.5	13.6	2.9	0.016									
CPP13	12	9.8	17.8	6.8	0.019	403A-15G1Δ	3	1.5	1.3	6	6	1140×700×1070	380	375
CPP14E	14	10.8	19.5	7.5	0.021									
CPP20	20	15.7	28.3	5.3	0.027	404A-22G1Δ	4	2.2	1.4	10.6	7	1300×700×1130	507	500
CPP22E	21	17.1	30.9	6.1	0.031									
CPP30	30	24.0	43.3	7.1	0.036	1103A-33GΔ	3	3.3	2.1	8.3	10.2	1500×850×1210	760	750
CPP33E	33	26.1	47.1	7.9	0.042									
CPP45	46	36.4	65.7	10.7	0.053	1103A-33TG1Δ	3	3.3	2.6	8.3	10.2	1750×850×1255	860	850
CPP50E	50	40.0	72.2	12.0	0.064									
CPP60	61	48.4	87.3	13.9	0.070	1103A-33TG2Δ	3	3.3	4.2	8.3	10.2	1750×850×1255	895	885
CPP66E	66	53.1	95.8	15.4	0.077									
CPP80	81	64.9	117.1	18.7	0.094	1104A-44TG2Δ	4	4.4	4.2	8	13	1820×850×1370	1163	1150
CPP88E	89	71.2	128.5	20.5	0.103									
CPP100	100	80.0	144.3	22.6	0.113	1104C-44TAG2	4	4.4	6	8	12.6	1980×890×1370	1260	1250
CPP110E	110	88.0	158.8	24.9	0.125									
CPP150	151	120.9	218.1	33.4	0.205	1106A-70TAG2	6	7.0	10.7	16.5	21	2300×950×1420	1470	1450
CPP165E	166	132.6	239.2	36.1	0.217									
CPP200	200	160.0	288.7	45.8	0.229	1106A-70TAG4	6	7.0	13.2	16.5	21	2300×950×1420	1490	1470
CPP220E	220	176.0	317.6	49.4	0.247									
CPP230	230	184.0	332.0	48.6	0.243	1506A-E88TAG2*	6	8.8	15	41	29.6	2635×1090×1670	2130	2100
CPP250E	260	208.0	375.3	51.5	0.258									
CPP250	250	200.0	360.9	55.5	0.278	1506A-E88TAG3*	6	8.8	15	41	29.6	2635×1090×1670	2180	2150
CPP275E	275	220.0	396.9	60.7	0.304									
CPP300	300	240.0	433.0	64.9	0.325	1506A-E88TAG5*	6	8.8	18.3	41	33.2	2635×1090×1670	2358	2325
CPP330E	330	264.0	476.3	73.1	0.366									
CPP350	363	290.6	524.4	71	0.360	2206C-E13TAG2*	6	12.5	23.6	40	51.4	3190×1240×2085	3250	3200
CPP400E	404	323.0	582.9	80.0	0.400									
CPP400	400	320.0	577.4	81	0.410	2206C-E13TAG3*	6	12.5	24.6	40	51.4	3190×1240×2085	3350	3300
CPP450E	450	360.0	649.5	90.0	0.450									
CPP470	473	378.2	682.4	99	0.480	2506C-E15TAG1*	6	15.2	33.8	62	58	3460×1240×2085	3758	3700
CPP515E	517	413.9	746.8	109.0	0.520									
CPP520	521	416.8	752.0	106	0.500	2506C-E15TAG2*	6	15.2	36.2	62	58	3460×1240×2085	3818	3760
CPP570E	571	456.8	824.2	114.0	0.560									
CPP610	610	488.0	880.5	123	0.660	2806-E18TAG1A*	6	18.1	36.2	62	61	3310×1536×2140	4660	4600
CPP665E	665	532.0	959.9	134.0	0.670									
CPP670	670	536.0	967.1	132	0.660	2806A-E18TAG2*	6	18.1	40.8	62	61	3310×1536×2140	4860	4800
CPP730E	732	585.6	1056.6	143.0	0.720									
CPP740	741	592.8	1069.6	161	0.790	4006-23TAG2A	6	23.0	49.8	113.4	105	4000×1710×2210	6025	5920
CPP800E	814	651.0	1174.5	176.0	0.860									
CPP800	802	641.3	1157.0	172	0.860	4006-23TAG3A	6	23.0	53.4	113.4	105	4000×1710×2210	6105	6000
CPP895E	895	715.9	1291.7	194.0	0.970									
CPP910	911	728.6	1314.7	195	0.975	4008TAG1A	8	30.6	74	153	143	4680×2050×2400	8143	8000
CPP1000E	1000	800.0	1443.4	218.0	1.090									
CPP1020	1024	818.8	1477.3	220	1.530	4008TAG2A	8	30.6	76	165.6	143	4680×2050×2400	8143	8000
CPP1095	1095	875.9	1580.4	248.0	1.710									
CPP1125	1123	898.7	1621.5	240	1.200	4008-30TAG3	8	30.6	78	177	143	4680×2050×2400	8143	8000
CPP1250E	1250	1000.0	1804.3	268.0	1.340									
CPP1250	1252	1001.2	1806.4	259	1.300	4012-46TWG2A	12	45.8	98.1	177	196	4770×2100×2380	10196	10000
CPP1375E	1380	1104.2	1992.3	288.0	1.440									
CPP1500	1511	1208.7	2180.9	301	1.510	4012-46TAG2A	12	45.8	109	177	207	4930×2200×2410	10407	10200
CPP1650E	1658	1326.6	2393.6	335.0	1.680									
CPP1720	1724	1379.5	2489.0	370	1.850	4012-46TAG3A	12	45.8	109	177	207	5040×2200×2715	12707	12500
CPP1890E	1892	1513.4	2730.5	405.0	2.030									
CPP1840	1840	1472.0	2655.9	389	1.710	4016TAG1A	16	61.1	145	237.2	316	5600×2792×3150	13816	13500
CPP2020E	2020	1616.0	2915.7	430.0	1.900									
CPP2050	2058	1646.4	2970.6	447	1.950	4016TAG2A	16	61.1	145	237.2	316	5720×2792×3150	14316	14000
CPP2250E	2250	1800.0	3247.7	488.0	2.170									
CPP2250	2252	1801.8	3251.0	473	1.100	4016-61TRG3	16	61.1	175	213	492	5720×2792×3150	16192	15700
CPP2500E	2500	2000.0	3608.5	528.0	1.200									

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;
- Models with "*" indicate electronic injection engine, "Δ" means with mechanical governor, others use electrical governor;
- To ensure optimum performance, high quality diesel fuel with water separator is recommended for COOLPOWER Gensets;
- Suggested lubrication oil, API CF and above with temperature / viscosity of 15W-40.

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