

CPV / Series (80-710 kVA)

Powered by VOLVO PENTA Engines

50Hz

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 × W × H) (mm)	G.W	N.W
CPV80	85	68.0	122.7	16	0.06	TAD550GE	4	4.76	4.75	13	29.5	2142×900×1560	1340	1290
CPV90E	90	72.0	129.9	18	0.07	TAD550GE	4	4.76	4.75	13	29.5	2142×900×1560	1340	1290
CPV100	100	80.0	144.3	19	0.07	TAD551GE	4	4.76	5.77	13	29.5	2142×900×1560	1400	1350
CPV110E	110	88.0	158.8	21	0.08	TAD551GE	4	4.76	5.77	13	29.5	2142×900×1560	1400	1350
CPV120	120	96.0	173.2	23	0.09	TAD750GE	6	7.15	9.8	20	32.9	2350×1000×1575	1620	1570
CPV130E	130	104.0	187.6	25	0.1	TAD750GE	6	7.15	9.8	20	32.9	2350×1000×1575	1620	1570
CPV130	130	103.6	186.9	24.5	0.09	TAD750GE	6	7.15	9.8	20	32.9	2500×1000×1575	1670	1620
CPV140E	143	114.2	206.1	27.1	0.1	TAD750GE	6	7.15	9.8	20	32.9	2500×1000×1575	1670	1620
CPV150	152	121.8	219.8	28	0.09	TAD751GE	6	7.15	10.3	20	32.9	2500×1000×1575	1810	1760
CPV165E	168	134.3	242.3	31	0.1	TAD751GE	6	7.15	10.3	20	32.9	2500×1000×1575	1810	1760
CPV180	182	145.6	262.7	36	0.08	TAD752GE	6	7.15	10.6	34	44	2588×1050×1615	1950	1900
CPV200E	200	160.0	288.7	38	0.08	TAD752GE	6	7.15	10.6	34	44	2588×1050×1615	1950	1900
CPV200	200	160.0	288.7	39	0.08	TAD753GE	6	7.15	12	34	44	2588×1050×1615	1950	1900
CPV220E	220	176.0	317.6	43	0.09	TAD753GE	6	7.15	12	34	44	2588×1050×1615	1950	1900
CPV250	250	200.0	360.9	47	0.08	TAD754GE	6	7.15	12.6	34	44	2633×1050×1615	2100	2050
CPV275E	275	220.0	396.9	52	0.09	TAD754GE	6	7.15	12.6	34	44	2633×1050×1615	2100	2050
CPV325	325	260.0	469.1	61.8	0.09	TAD1351GE	6	12.78	21.2	36	44	3000×1120×1875	3550	3500
CPV355E	356	284.6	513.4	67.5	0.1	TAD1351GE	6	12.78	21.2	36	44	3000×1120×1875	3550	3500
CPV350	350	280.0	505.2	58.8	0.1	TAD1352GE	6	12.78	23	36	44	3000×1120×1875	3550	3500
CPV400E	400	319.8	577.1	66.9	0.11	TAD1352GE	6	12.78	23	36	44	3000×1120×1875	3550	3500
CPV380	383	306.3	552.7	64.3	0.1	TAD1354GE	6	12.78	24	36	44	3050×1120×1875	3700	3650
CPV415E	419	335.0	604.5	70.3	0.11	TAD1354GE	6	12.78	24	36	44	3050×1120×1875	3700	3650
CPV400	400	320.0	577.4	67.2	0.12	TAD1355GE	6	12.78	24	36	44	3050×1120×1875	3700	3650
CPV450E	450	360.0	649.5	75.6	0.14	TAD1355GE	6	12.78	24	36	44	3050×1120×1875	3700	3650
CPV450	461	368.6	665.1	83	0.12	TAD1650GE	6	16.12	30	48	93	3250×1160×2040	4050	4000
CPV500E	507	405.3	731.2	91.5	0.13	TAD1650GE	6	16.12	30	48	93	3250×1160×2040	4050	4000
CPV500	507	405.5	731.7	101	0.12	TAD1651GE	6	16.12	32	48	93	3250×1160×2040	4050	4000
CPV550E	556	444.6	802.3	108	0.13	TAD1651GE	6	16.12	32	48	93	3250×1160×2040	4050	4000
CPV600	599	479.3	864.8	110	0.1	TWD1652GE	6	16.12	41.2	48	166	3300×1400×2080	4350	4300
CPV650E	658	526.4	949.8	120	0.11	TWD1652GE	6	16.12	41.2	48	166	3300×1400×2080	4350	4300
CPV650	650	519.7	937.6	117	0.1	TWD1653GE	6	16.12	44	48	166	3338×1400×2080	4500	4450
CPV710E	714	571.4	1030.9	128	0.11	TWD1653GE	6	16.12	44	48	166	3338×1400×2080	4500	4450

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;
- All engines come with advanced and complete engine electronic management system (EMS);
- 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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