

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD007CP43A-21

Apparent output power	2.4	kVA
Rated output current	3	A
Rated power output	0.75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	12.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	57.07	2.39
50	100	55.07	2.3
0	100	52.78	2.21
90	50	46.08	1.93
50	50	45.11	1.89
0	50	43.95	1.84
50	25	40.75	1.7
0	25	40.17	1.68

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD007CP4EA-21

Apparent output power	2.4	kVA
Rated output current	3	A
Rated power output	0.75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	12.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	57.21	2.39
50	100	55.2	2.31
0	100	52.92	2.21
90	50	46.2	1.93
50	50	45.23	1.89
0	50	44.07	1.84
50	25	40.87	1.71
0	25	40.29	1.69

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD015CP43B-21

Apparent output power	3.3	kVA
Rated output current	4.2	A
Rated power output	1.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	12.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	72.23	2.16
50	100	69.13	2.07
0	100	65.67	1.96
90	50	55.65	1.66
50	50	54.19	1.62
0	50	52.49	1.57
50	25	47.77	1.43
0	25	46.92	1.4

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD015CP4EB-21

Apparent output power	3.3	kVA
Rated output current	4.2	A
Rated power output	1.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	12.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	72.44	2.16
50	100	69.34	2.07
0	100	65.88	1.97
90	50	55.86	1.67
50	50	54.4	1.63
0	50	52.7	1.57
50	25	47.98	1.43
0	25	47.13	1.41

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD022CP43B-21

Apparent output power	4.4	kVA
Rated output current	5.5	A
Rated power output	2.2	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	93.09	2.12
50	100	88.61	2.02
0	100	83.73	1.91
90	50	69.71	1.59
50	50	67.65	1.54
0	50	65.29	1.49
50	25	58.76	1.34
0	25	57.6	1.31

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD022CP4EB-21

Apparent output power	4.4	kVA
Rated output current	5.5	A
Rated power output	2.2	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	93.39	2.13
50	100	88.91	2.03
0	100	84.02	1.92
90	50	70.03	1.6
50	50	67.98	1.55
0	50	65.62	1.5
50	25	59.1	1.35
0	25	57.94	1.32

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Efficiency level:

IE2

Series:	CP2000
Model name:	VFD037CP43B-21

Apparent output power	6.8	kVA
Rated output current	8.5	A
Rated power output	3.7	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	138.9	2.05
50	100	130.47	1.93
0	100	121.65	1.8
90	50	97.3	1.44
50	50	93.61	1.38
0	50	89.51	1.32
50	25	78.36	1.16
0	25	76.4	1.13

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD037CP4EB-21

Apparent output power	6.8	kVA
Rated output current	8.5	A
Rated power output	3.7	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	140.23	2.07
50	100	131.8	1.95
0	100	122.98	1.82
90	50	98.4	1.45
50	50	94.72	1.4
0	50	90.61	1.34
50	25	79.38	1.17
0	25	77.42	1.14

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Efficiency level:

IE2

Series:	CP2000
Model name:	VFD040CP43A-21

Apparent output power	8.4	kVA
Rated output current	10.5	A
Rated power output	4	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	164.44	1.97
50	100	155.17	1.85
0	100	145.61	1.74
90	50	99.81	1.19
50	50	96.07	1.15
0	50	91.91	1.1
50	25	76.03	0.91
0	25	74.01	0.88

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Efficiency level:

IE2

Series:	CP2000
Model name:	VFD040CP4EA-21

Apparent output power	8.4	kVA
Rated output current	10.5	A
Rated power output	4	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	166.41	1.99
50	100	157.14	1.88
0	100	147.58	1.76
90	50	101.36	1.21
50	50	97.62	1.17
0	50	93.46	1.12
50	25	77.48	0.93
0	25	75.47	0.9

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD055CP43B-21

Apparent output power	10.4	kVA
Rated output current	13	A
Rated power output	5.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	193.33	1.87
50	100	182.07	1.76
0	100	169.86	1.64
90	50	117.48	1.13
50	50	112.88	1.09
0	50	107.6	1.04
50	25	88.66	0.86
0	25	86.1	0.83

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD055CP4EB-21

Apparent output power	10.4	kVA
Rated output current	13	A
Rated power output	5.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	195.48	1.89
50	100	184.23	1.78
0	100	172.02	1.66
90	50	119.37	1.15
50	50	114.77	1.11
0	50	109.48	1.06
50	25	90.48	0.87
0	25	87.92	0.85

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD075CP43B-21

Apparent output power	14.3	kVA
Rated output current	18	A
Rated power output	7.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	19.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	260.84	1.82
50	100	241.85	1.69
0	100	222.27	1.55
90	50	154.22	1.08
50	50	146.62	1.02
0	50	138.17	0.96
50	25	113.38	0.79
0	25	109.3	0.76

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD075CP4EB-21

Apparent output power	14.3	kVA
Rated output current	18	A
Rated power output	7.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	19.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	264.73	1.85
50	100	245.74	1.71
0	100	226.16	1.58
90	50	158.11	1.1
50	50	150.51	1.05
0	50	142.06	0.99
50	25	117.27	0.82
0	25	113.19	0.79

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Efficiency level:

IE2

Series:	CP2000
Model name:	VFD110CP43B-21

Apparent output power	19.1	kVA
Rated output current	24	A
Rated power output	11	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	410.14	2.14
50	100	371.38	1.94
0	100	334.52	1.75
90	50	233.67	1.22
50	50	218.9	1.14
0	50	203.35	1.06
50	25	166.21	0.87
0	25	158.82	0.83

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD110CP4EB-21

Apparent output power	19.1	kVA
Rated output current	24	A
Rated power output	11	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	418.78	2.19
50	100	380.02	1.99
0	100	343.16	1.79
90	50	242.31	1.27
50	50	227.54	1.19
0	50	211.99	1.11
50	25	174.85	0.91
0	25	167.46	0.88

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Efficiency level:

IE2

Series:	CP2000
Model name:	VFD150CP43B-21

Apparent output power	25.5	kVA
Rated output current	32	A
Rated power output	15	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	521.16	2.04
50	100	469.44	1.84
0	100	421.65	1.65
90	50	292.1	1.15
50	50	271.95	1.07
0	50	250.98	0.98
50	25	203.37	0.8
0	25	193.23	0.76

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD150CP4EB-21

Apparent output power	25.5	kVA
Rated output current	32	A
Rated power output	15	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	536.52	2.1
50	100	484.8	1.9
0	100	437.01	1.71
90	50	307.46	1.21
50	50	287.31	1.13
0	50	266.34	1.04
50	25	218.73	0.86
0	25	208.59	0.82

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Efficiency level:

IE2

Series:	CP2000
Model name:	VFD185CP43B-21

Apparent output power	30.3	kVA
Rated output current	38	A
Rated power output	18.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	550.95	1.82
50	100	503.52	1.66
0	100	456.38	1.51
90	50	312.26	1.03
50	50	293.73	0.97
0	50	273.62	0.9
50	25	220.35	0.73
0	25	210.72	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD185CP4EB-21

Apparent output power	30.3	kVA
Rated output current	38	A
Rated power output	18.5	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	572.61	1.89
50	100	525.18	1.73
0	100	478.04	1.58
90	50	333.92	1.1
50	50	315.39	1.04
0	50	295.28	0.98
50	25	242.01	0.8
0	25	232.38	0.77

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD220CP43A-21

Apparent output power	35.9	kVA
Rated output current	45	A
Rated power output	22	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	29.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	594.14	1.66
50	100	531.89	1.48
0	100	468.89	1.31
90	50	333.54	0.93
50	50	309.01	0.86
0	50	282.05	0.79
50	25	231.6	0.65
0	25	218.67	0.61

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD220CP4EA-21

Apparent output power	35.9	kVA
Rated output current	45	A
Rated power output	22	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	29.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	603.26	1.68
50	100	541.01	1.51
0	100	478	1.33
90	50	342.66	0.96
50	50	318.12	0.89
0	50	291.17	0.81
50	25	240.71	0.67
0	25	227.78	0.64

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD300CP43B-21

Apparent output power	47.8	kVA
Rated output current	60	A
Rated power output	30	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	29.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	765.28	1.6
50	100	697.55	1.46
0	100	626.05	1.31
90	50	430.68	0.9
50	50	402.66	0.84
0	50	370.94	0.78
50	25	299.32	0.63
0	25	283.8	0.59

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD300CP4EB-21

Apparent output power	47.8	kVA
Rated output current	60	A
Rated power output	30	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	29.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	781.48	1.63
50	100	713.75	1.49
0	100	642.25	1.34
90	50	446.88	0.93
50	50	418.86	0.88
0	50	387.14	0.81
50	25	315.52	0.66
0	25	300	0.63

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD370CP43B-21

Apparent output power	58.2	kVA
Rated output current	73	A
Rated power output	37	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	29.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	849.62	1.46
50	100	789.31	1.36
0	100	733.86	1.26
90	50	466.32	0.8
50	50	442.6	0.76
0	50	418.05	0.72
50	25	320.63	0.55
0	25	308.68	0.53

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD370CP4EB-21

Apparent output power	58.2	kVA
Rated output current	73	A
Rated power output	37	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	40.2	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	888.6	1.53
50	100	828.29	1.42
0	100	772.84	1.33
90	50	505.3	0.87
50	50	481.58	0.83
0	50	457.03	0.79
50	25	359.61	0.62
0	25	347.66	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD450CP43S-00

Apparent output power	72.5	kVA
Rated output current	91	A
Rated power output	45	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	41.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1213.5	1.67
50	100	1026.8	1.42
0	100	892.32	1.23
90	50	608.52	0.84
50	50	548.46	0.76
0	50	498.67	0.69
50	25	387.67	0.53
0	25	366.11	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD450CP43S-21

Apparent output power	72.5	kVA
Rated output current	91	A
Rated power output	45	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	41.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1213.5	1.67
50	100	1026.8	1.42
0	100	892.32	1.23
90	50	608.52	0.84
50	50	548.46	0.76
0	50	498.67	0.69
50	25	387.67	0.53
0	25	366.11	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD550CP43S-00

Apparent output power	87.6	kVA
Rated output current	110	A
Rated power output	55	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	41.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1398.72	1.6
50	100	1222.47	1.39
0	100	1093.08	1.25
90	50	734.07	0.84
50	50	674.12	0.77
0	50	622.46	0.71
50	25	481.26	0.55
0	25	457.78	0.52

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD550CP43S-21

Apparent output power	87.6	kVA
Rated output current	110	A
Rated power output	55	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	41.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1398.72	1.6
50	100	1222.47	1.39
0	100	1093.08	1.25
90	50	734.07	0.84
50	50	674.12	0.77
0	50	622.46	0.71
50	25	481.26	0.55
0	25	457.78	0.52

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD750CP43B-00

Apparent output power	119.5	kVA
Rated output current	150	A
Rated power output	75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	190.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1725.5	1.44
50	100	1523.4	1.27
0	100	1340	1.12
90	50	899.9	0.75
50	50	827.3	0.69
0	50	754.1	0.63
50	25	595.7	0.5
0	25	562	0.47

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD750CP43B-21

Apparent output power	119.5	kVA
Rated output current	150	A
Rated power output	75	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	190.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1725.5	1.44
50	100	1523.4	1.27
0	100	1340	1.12
90	50	899.9	0.75
50	50	827.3	0.69
0	50	754.1	0.63
50	25	595.7	0.5
0	25	562	0.47

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Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD900CP43A-00

Apparent output power	143.4	kVA
Rated output current	180	A
Rated power output	90	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	190.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1844.8	1.29
50	100	1596.5	1.11
0	100	1375.1	0.96
90	50	958.1	0.67
50	50	866.8	0.6
0	50	775.5	0.54
50	25	620.5	0.43
0	25	577.8	0.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD900CP43A-21

Apparent output power	143.4	kVA
Rated output current	180	A
Rated power output	90	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	190.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1844.8	1.29
50	100	1596.5	1.11
0	100	1375.1	0.96
90	50	958.1	0.67
50	50	866.8	0.6
0	50	775.5	0.54
50	25	620.5	0.43
0	25	577.8	0.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD1100CP43A-00

Apparent output power	175.3	kVA
Rated output current	220	A
Rated power output	110	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	224.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2149.1	1.23
50	100	1835	1.05
0	100	1564.1	0.89
90	50	1127.2	0.64
50	50	1011.9	0.58
0	50	899	0.51
50	25	729.1	0.42
0	25	676	0.39

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD1100CP43A-21

Apparent output power	175.3	kVA
Rated output current	220	A
Rated power output	110	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	224.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2149.1	1.23
50	100	1835	1.05
0	100	1564.1	0.89
90	50	1127.2	0.64
50	50	1011.9	0.58
0	50	899	0.51
50	25	729.1	0.42
0	25	676	0.39

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD1320CP43B-00

Apparent output power	207.2	kVA
Rated output current	260	A
Rated power output	132	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	224.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2615	1.26
50	100	2228	1.08
0	100	1896.2	0.92
90	50	1335.1	0.64
50	50	1194.6	0.58
0	50	1057.9	0.51
50	25	845.7	0.41
0	25	781.8	0.38

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD1320CP43B-21

Apparent output power	207.2	kVA
Rated output current	260	A
Rated power output	132	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	224.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2615	1.26
50	100	2228	1.08
0	100	1896.2	0.92
90	50	1335.1	0.64
50	50	1194.6	0.58
0	50	1057.9	0.51
50	25	845.7	0.41
0	25	781.8	0.38

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD1600CP43A-00

Apparent output power	247	kVA
Rated output current	310	A
Rated power output	160	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	259.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	3248.2	1.32
50	100	2755.2	1.12
0	100	2314.1	0.94
90	50	1601.6	0.65
50	50	1420	0.57
0	50	1237.2	0.5
50	25	968.8	0.39
0	25	884.7	0.36

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD1600CP43A-21

Apparent output power	247	kVA
Rated output current	310	A
Rated power output	160	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	259.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	3248.2	1.32
50	100	2755.2	1.12
0	100	2314.1	0.94
90	50	1601.6	0.65
50	50	1420	0.57
0	50	1237.2	0.5
50	25	968.8	0.39
0	25	884.7	0.36

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD1850CP43B-00

Apparent output power	294.8	kVA
Rated output current	370	A
Rated power output	185	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	259.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	4012.1	1.36
50	100	3393.2	1.15
0	100	2839.9	0.96
90	50	1925.9	0.65
50	50	1700	0.58
0	50	1473.2	0.5
50	25	1137.1	0.39
0	25	1033.3	0.35

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD1850CP43B-21

Apparent output power	294.8	kVA
Rated output current	370	A
Rated power output	185	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	259.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	4012.1	1.36
50	100	3393.2	1.15
0	100	2839.9	0.96
90	50	1925.9	0.65
50	50	1700	0.58
0	50	1473.2	0.5
50	25	1137.1	0.39
0	25	1033.3	0.35

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD2000CP43A-00

Apparent output power	314.7	kVA
Rated output current	395	A
Rated power output	200	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	501.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	4758.4	1.51
50	100	4075.2	1.29
0	100	3545.3	1.13
90	50	2476.7	0.79
50	50	2242.2	0.71
0	50	2030.8	0.65
50	25	1606.3	0.51
0	25	1512	0.48

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD2000CP43A-21

Apparent output power	314.7	kVA
Rated output current	395	A
Rated power output	200	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	501.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	4758.4	1.51
50	100	4075.2	1.29
0	100	3545.3	1.13
90	50	2476.7	0.79
50	50	2242.2	0.71
0	50	2030.8	0.65
50	25	1606.3	0.51
0	25	1512	0.48

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD2200CP43A-00

Apparent output power	366.5	kVA
Rated output current	460	A
Rated power output	220	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	501.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	5718	1.56
50	100	4836.2	1.32
0	100	4175.3	1.14
90	50	2880	0.79
50	50	2585	0.71
0	50	2327.5	0.64
50	25	1816.5	0.5
0	25	1703.5	0.46

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD2200CP43A-21

Apparent output power	366.5	kVA
Rated output current	460	A
Rated power output	220	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	501.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	5718	1.56
50	100	4836.2	1.32
0	100	4175.3	1.14
90	50	2880	0.79
50	50	2585	0.71
0	50	2327.5	0.64
50	25	1816.5	0.5
0	25	1703.5	0.46

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD2500CP43A-00

Apparent output power	383.2	kVA
Rated output current	481	A
Rated power output	250	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	501.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	5994.1	1.56
50	100	5029.6	1.31
0	100	4317.8	1.13
90	50	2998	0.78
50	50	2678.8	0.7
0	50	2404.2	0.63
50	25	1875.8	0.49
0	25	1756.1	0.46

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD2500CP43A-21

Apparent output power	383.2	kVA
Rated output current	481	A
Rated power output	250	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	501.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	5994.1	1.56
50	100	5029.6	1.31
0	100	4317.8	1.13
90	50	2998	0.78
50	50	2678.8	0.7
0	50	2404.2	0.63
50	25	1875.8	0.49
0	25	1756.1	0.46

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD2800CP43A-00

Apparent output power	422.3	kVA
Rated output current	530	A
Rated power output	280	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	501.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	6551.6	1.55
50	100	5593.5	1.32
0	100	4809.4	1.14
90	50	3290.6	0.78
50	50	2952.1	0.7
0	50	2633.1	0.62
50	25	2047.5	0.48
0	25	1903	0.45

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD2800CP43A-21

Apparent output power	422.3	kVA
Rated output current	530	A
Rated power output	280	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	501.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	6551.6	1.55
50	100	5593.5	1.32
0	100	4809.4	1.14
90	50	3290.6	0.78
50	50	2952.1	0.7
0	50	2633.1	0.62
50	25	2047.5	0.48
0	25	1903	0.45

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD3150CP43A-00

Apparent output power	490.8	kVA
Rated output current	616	A
Rated power output	315	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	7533.1	1.53
50	100	6653.2	1.36
0	100	5933.3	1.21
90	50	4107.6	0.84
50	50	3794	0.77
0	50	3497.8	0.71
50	25	2824.2	0.58
0	25	2689.2	0.55

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD3150CP43C-00

Apparent output power	490.8	kVA
Rated output current	616	A
Rated power output	315	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	7533.1	1.53
50	100	6653.2	1.36
0	100	5933.3	1.21
90	50	4107.6	0.84
50	50	3794	0.77
0	50	3497.8	0.71
50	25	2824.2	0.58
0	25	2689.2	0.55

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD3150CP43C-21

Apparent output power	490.8	kVA
Rated output current	616	A
Rated power output	315	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	7533.1	1.53
50	100	6653.2	1.36
0	100	5933.3	1.21
90	50	4107.6	0.84
50	50	3794	0.77
0	50	3497.8	0.71
50	25	2824.2	0.58
0	25	2689.2	0.55

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD3550CP43A-00

Apparent output power	544.2	kVA
Rated output current	683	A
Rated power output	355	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	8377.8	1.54
50	100	7356	1.35
0	100	6532.7	1.2
90	50	4475.1	0.82
50	50	4115.6	0.76
0	50	3780.7	0.69
50	25	3023.6	0.56
0	25	2872.1	0.53

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD3550CP43C-00

Apparent output power	544.2	kVA
Rated output current	683	A
Rated power output	355	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	8377.8	1.54
50	100	7356	1.35
0	100	6532.7	1.2
90	50	4475.1	0.82
50	50	4115.6	0.76
0	50	3780.7	0.69
50	25	3023.6	0.56
0	25	2872.1	0.53

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD3550CP43C-21

Apparent output power	544.2	kVA
Rated output current	683	A
Rated power output	355	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	8377.8	1.54
50	100	7356	1.35
0	100	6532.7	1.2
90	50	4475.1	0.82
50	50	4115.6	0.76
0	50	3780.7	0.69
50	25	3023.6	0.56
0	25	2872.1	0.53

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD4000CP43A-00

Apparent output power	613.5	kVA
Rated output current	770	A
Rated power output	400	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	9424.1	1.54
50	100	8247.6	1.34
0	100	7261.9	1.18
90	50	4964.9	0.81
50	50	4540.6	0.74
0	50	4132.6	0.67
50	25	3288.8	0.54
0	25	3102	0.51

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD4000CP43C-00

Apparent output power	613.5	kVA
Rated output current	770	A
Rated power output	400	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	9424.1	1.54
50	100	8247.6	1.34
0	100	7261.9	1.18
90	50	4964.9	0.81
50	50	4540.6	0.74
0	50	4132.6	0.67
50	25	3288.8	0.54
0	25	3102	0.51

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD4000CP43C-21

Apparent output power	613.5	kVA
Rated output current	770	A
Rated power output	400	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	9424.1	1.54
50	100	8247.6	1.34
0	100	7261.9	1.18
90	50	4964.9	0.81
50	50	4540.6	0.74
0	50	4132.6	0.67
50	25	3288.8	0.54
0	25	3102	0.51

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD5000CP43A-00

Apparent output power	741	kVA
Rated output current	930	A
Rated power output	500	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	13171.6	1.78
50	100	11481	1.55
0	100	10084.9	1.36
90	50	6492.1	0.88
50	50	5909	0.8
0	50	5360.8	0.72
50	25	4110.1	0.55
0	25	3866.7	0.52

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD5000CP43C-00

Apparent output power	741	kVA
Rated output current	930	A
Rated power output	500	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	13171.6	1.78
50	100	11481	1.55
0	100	10084.9	1.36
90	50	6492.1	0.88
50	50	5909	0.8
0	50	5360.8	0.72
50	25	4110.1	0.55
0	25	3866.7	0.52

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD5000CP43C-21

Apparent output power	741	kVA
Rated output current	930	A
Rated power output	500	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	13171.6	1.78
50	100	11481	1.55
0	100	10084.9	1.36
90	50	6492.1	0.88
50	50	5909	0.8
0	50	5360.8	0.72
50	25	4110.1	0.55
0	25	3866.7	0.52

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD5600CP43A-00

Apparent output power	871.6	kVA
Rated output current	1094	A
Rated power output	560	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	13928.7	1.6
50	100	12401.3	1.42
0	100	11000	1.26
90	50	7109.4	0.82
50	50	6532	0.75
0	50	5938.4	0.68
50	25	4605.8	0.53
0	25	4329.2	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD5600CP43C-21

Apparent output power	871.6	kVA
Rated output current	1094	A
Rated power output	560	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	13928.7	1.6
50	100	12401.3	1.42
0	100	11000	1.26
90	50	7109.4	0.82
50	50	6532	0.75
0	50	5938.4	0.68
50	25	4605.8	0.53
0	25	4329.2	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD6300CP43A-00

Apparent output power	965.7	kVA
Rated output current	1212	A
Rated power output	630	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	15818.3	1.64
50	100	14042	1.45
0	100	12438.2	1.29
90	50	7889.2	0.82
50	50	7227.9	0.75
0	50	6556.6	0.68
50	25	5019.9	0.52
0	25	4709.4	0.49

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD6300CP43C-21

Apparent output power	965.7	kVA
Rated output current	1212	A
Rated power output	630	kW
Rated supply voltage	380-480	V
Rated supply frequency	50/60	Hz
Standby loss	917.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	15818.3	1.64
50	100	14042	1.45
0	100	12438.2	1.29
90	50	7889.2	0.82
50	50	7227.9	0.75
0	50	6556.6	0.68
50	25	5019.9	0.52
0	25	4709.4	0.49

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD007CP23A-21

Apparent output power	2	kVA
Rated output current	5	A
Rated power output	0.75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	12.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	56.3	2.83
50	100	52.93	2.66
0	100	49.31	2.48
90	50	44.5	2.23
50	50	42.9	2.15
0	50	41.06	2.06
50	25	38.57	1.94
0	25	37.66	1.89

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD015CP23A-21

Apparent output power	3	kVA
Rated output current	7.5	A
Rated power output	1.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	12.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	77	2.58
50	100	71.26	2.39
0	100	65.42	2.19
90	50	56.67	1.9
50	50	54.05	1.81
0	50	51.16	1.71
50	25	46.84	1.57
0	25	45.42	1.52

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD022CP23A-21

Apparent output power	4	kVA
Rated output current	10	A
Rated power output	2.2	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	102.43	2.57
50	100	90.68	2.28
0	100	79.47	2
90	50	72.15	1.81
50	50	66.97	1.68
0	50	61.5	1.54
50	25	56.89	1.43
0	25	54.22	1.36

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD037CP23A-21

Apparent output power	6	kVA
Rated output current	15	A
Rated power output	3.7	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	140.16	2.35
50	100	125.78	2.1
0	100	111.35	1.86
90	50	95.28	1.59
50	50	88.84	1.49
0	50	81.82	1.37
50	25	73.41	1.23
0	25	69.98	1.17

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD055CP23A-21

Apparent output power	8.4	kVA
Rated output current	21	A
Rated power output	5.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	15.7	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	175.98	2.1
50	100	156.24	1.87
0	100	136.4	1.63
90	50	105.32	1.26
50	50	97.18	1.16
0	50	88.22	1.05
50	25	76.17	0.91
0	25	71.76	0.86

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD075CP23A-21

Apparent output power	12.3	kVA
Rated output current	31	A
Rated power output	7.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	283.58	2.3
50	100	239.01	1.94
0	100	202.62	1.64
90	50	152.99	1.24
50	50	137.74	1.12
0	50	123.52	1
50	25	105.17	0.85
0	25	98.75	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD110CP23A-21

Apparent output power	18.3	kVA
Rated output current	46	A
Rated power output	11	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	405.76	2.21
50	100	343.32	1.87
0	100	292.36	1.6
90	50	213.43	1.16
50	50	191.42	1.04
0	50	170.71	0.93
50	25	141.84	0.77
0	25	132.27	0.72

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD150CP23A-21

Apparent output power	24.3	kVA
Rated output current	61	A
Rated power output	15	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	27.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	554.2	2.28
50	100	476.61	1.96
0	100	406.83	1.67
90	50	283.19	1.17
50	50	255.04	1.05
0	50	226.68	0.93
50	25	183.85	0.76
0	25	170.67	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD185CP23A-21

Apparent output power	29.9	kVA
Rated output current	75	A
Rated power output	18.5	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	39.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	713.55	2.39
50	100	591.51	1.98
0	100	521.22	1.74
90	50	361.09	1.21
50	50	321.52	1.08
0	50	292.73	0.98
50	25	235.48	0.79
0	25	222.47	0.74

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD220CP23A-21

Apparent output power	35.9	kVA
Rated output current	90	A
Rated power output	22	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	39.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	909.2	2.54
50	100	742.96	2.07
0	100	653.62	1.82
90	50	441.18	1.23
50	50	388.96	1.08
0	50	353.45	0.99
50	25	278.4	0.78
0	25	262.75	0.73

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD300CP23A-21

Apparent output power	41.8	kVA
Rated output current	105	A
Rated power output	30	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	39.1	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	994.3	2.38
50	100	842.75	2.01
0	100	754.09	1.8
90	50	499.02	1.19
50	50	448.54	1.07
0	50	410.76	0.98
50	25	322.37	0.77
0	25	304.9	0.73

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD370CP23A-00

Apparent output power	58.2	kVA
Rated output current	146	A
Rated power output	37	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	190.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1113.1	1.91
50	100	947.5	1.63
0	100	797.7	1.37
90	50	614.2	1.06
50	50	550	0.95
0	50	484.5	0.83
50	25	410.8	0.71
0	25	379.1	0.65

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD370CP23A-21

Apparent output power	58.2	kVA
Rated output current	146	A
Rated power output	37	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	190.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1113.1	1.91
50	100	947.5	1.63
0	100	797.7	1.37
90	50	614.2	1.06
50	50	550	0.95
0	50	484.5	0.83
50	25	410.8	0.71
0	25	379.1	0.65

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD450CP23A-00

Apparent output power	71.7	kVA
Rated output current	180	A
Rated power output	45	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	190.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1542.1	2.15
50	100	1327.5	1.85
0	100	1137.7	1.59
90	50	808	1.13
50	50	725.2	1.01
0	50	641.8	0.9
50	25	522.4	0.73
0	25	482	0.67

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD450CP23A-21

Apparent output power	71.7	kVA
Rated output current	180	A
Rated power output	45	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	190.5	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1542.1	2.15
50	100	1327.5	1.85
0	100	1137.7	1.59
90	50	808	1.13
50	50	725.2	1.01
0	50	641.8	0.9
50	25	522.4	0.73
0	25	482	0.67

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD550CP23A-00

Apparent output power	85.6	kVA
Rated output current	215	A
Rated power output	55	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	224.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1683.4	1.97
50	100	1385.5	1.62
0	100	1124.2	1.31
90	50	882.8	1.03
50	50	770.5	0.9
0	50	658.5	0.77
50	25	559.4	0.65
0	25	505.9	0.59

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD550CP23A-21

Apparent output power	85.6	kVA
Rated output current	215	A
Rated power output	55	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	224.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1683.4	1.97
50	100	1385.5	1.62
0	100	1124.2	1.31
90	50	882.8	1.03
50	50	770.5	0.9
0	50	658.5	0.77
50	25	559.4	0.65
0	25	505.9	0.59

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD750CP23A-00

Apparent output power	110	kVA
Rated output current	276	A
Rated power output	75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	224.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	3236.4	2.94
50	100	2724.7	2.48
0	100	2252.5	2.05
90	50	1477.1	1.34
50	50	1297.5	1.18
0	50	1115.7	1.01
50	25	864.7	0.79
0	25	782.6	0.71

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD750CP23A-21

Apparent output power	110	kVA
Rated output current	276	A
Rated power output	75	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	224.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	3236.4	2.94
50	100	2724.7	2.48
0	100	2252.5	2.05
90	50	1477.1	1.34
50	50	1297.5	1.18
0	50	1115.7	1.01
50	25	864.7	0.79
0	25	782.6	0.71

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD900CP23A-00

Apparent output power	128.3	kVA
Rated output current	322	A
Rated power output	90	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	224.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2535	1.98
50	100	2088.1	1.63
0	100	1674	1.31
90	50	1281.3	1
50	50	1105.6	0.86
0	50	922.8	0.72
50	25	771.1	0.6
0	25	682.3	0.53

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CP2000
Model name:	VFD900CP23A-21

Apparent output power	128.3	kVA
Rated output current	322	A
Rated power output	90	kW
Rated supply voltage	200-240	V
Rated supply frequency	50/60	Hz
Standby loss	224.8	W
Maximum operating temperature	40	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2535	1.98
50	100	2088.1	1.63
0	100	1674	1.31
90	50	1281.3	1
50	50	1105.6	0.86
0	50	922.8	0.72
50	25	771.1	0.6
0	25	682.3	0.53