

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD007FP4EA-41

Apparent output power	2.39	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	16	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	59.1	2.5
50	100	54.4	2.3
0	100	50.4	2.1
90	50	47	2
50	50	45.1	1.9
0	50	43.3	1.8
50	25	41.1	1.7
0	25	40.2	1.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD015FP4EA-41

Apparent output power	3.35	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	16	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	74	2.2
50	100	66.8	2
0	100	61	1.8
90	50	55.6	1.7
50	50	52.8	1.6
0	50	50.2	1.5
50	25	46.9	1.4
0	25	45.7	1.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD022FP4EA-41

Apparent output power	4.38	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	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	99.9	2.3
50	100	87.9	2
0	100	78.9	1.8
90	50	72.2	1.6
50	50	67.7	1.5
0	50	63.9	1.5
50	25	59.4	1.4
0	25	57.7	1.3

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD037FP4EA-41

Apparent output power	6.77	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	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	152.5	2.3
50	100	128.6	1.9
0	100	113	1.7
90	50	100.8	1.5
50	50	92.4	1.4
0	50	86.1	1.3
50	25	77.7	1.1
0	25	75.1	1.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD040FP4EA-41

Apparent output power	8.37	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	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	181.9	2.2
50	100	155	1.9
0	100	136.1	1.6
90	50	104.2	1.2
50	50	95.5	1.1
0	50	88.4	1.1
50	25	76	0.9
0	25	72.9	0.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD055FP4EA-41

Apparent output power	10.36	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	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	220.3	2.1
50	100	188.2	1.8
0	100	164.9	1.6
90	50	124.8	1.2
50	50	114.3	1.1
0	50	105.5	1
50	25	89.5	0.9
0	25	85.6	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD075FP4EA-41

Apparent output power	14.34	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	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	303.3	2.1
50	100	260.9	1.8
0	100	228.8	1.6
90	50	164.1	1.1
50	50	150.1	1
0	50	137.8	1
50	25	113.7	0.8
0	25	108.2	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD110FP4EA-41

Apparent output power	19.12	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	26.5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	373.8	2
50	100	316.7	1.7
0	100	271.6	1.4
90	50	197.2	1
50	50	178.6	0.9
0	50	162.1	0.8
50	25	133.8	0.7
0	25	126.6	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD150FP4EA-41

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	26.5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	445.1	1.7
50	100	382.6	1.5
0	100	333.5	1.3
90	50	234.6	0.9
50	50	214.1	0.8
0	50	195.9	0.8
50	25	159	0.6
0	25	151.1	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD185FP4EA-41

Apparent output power	30.28	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	26.5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	521.2	1.7
50	100	450.7	1.5
0	100	392.2	1.3
90	50	277.6	0.9
50	50	253.5	0.8
0	50	230.9	0.8
50	25	187.4	0.6
0	25	177.2	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD220FP4EA-41

Apparent output power	35.85	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	26.5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	612.1	1.7
50	100	601.5	1.7
0	100	621.7	1.7
90	50	328.8	0.9
50	50	321.3	0.9
0	50	320.4	0.9
50	25	233.2	0.7
0	25	230.8	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD300FP4EA-41

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	48.4	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	858.9	1.8
50	100	752	1.6
0	100	661.3	1.4
90	50	472.2	1
50	50	432.7	0.9
0	50	394.1	0.8
50	25	323.5	0.7
0	25	305.2	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD370FP4EA-41

Apparent output power	58.16	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	48.4	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	952.2	1.6
50	100	845.3	1.5
0	100	756.9	1.3
90	50	512.1	0.9
50	50	470.5	0.8
0	50	430.1	0.7
50	25	340.8	0.6
0	25	320.9	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD450FP4EA-41

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	62.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1310.3	1.8
50	100	1108.7	1.5
0	100	967.5	1.3
90	50	674.4	0.9
50	50	610.5	0.8
0	50	559	0.8
50	25	441.6	0.6
0	25	419.6	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD550FP4EA-41

Apparent output power	87.64	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	62.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1893.2	2.2
50	100	1642.7	1.9
0	100	1480.2	1.7
90	50	998	1.1
50	50	919.1	1
0	50	858.9	1
50	25	663.3	0.8
0	25	637.5	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD750FP4EA-41

Apparent output power	119.51	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	101.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2001.6	1.7
50	100	1852.5	1.6
0	100	1773.1	1.5
90	50	1034.2	0.9
50	50	979.8	0.8
0	50	939.1	0.8
50	25	699.3	0.6
0	25	678.8	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD900FP4EA-41

Apparent output power	143.41	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	101.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2702.9	1.9
50	100	2403.7	1.7
0	100	2163.1	1.5
90	50	1431.8	1
50	50	1329	0.9
0	50	1234.7	0.9
50	25	954.7	0.7
0	25	912	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD007FP2EA-41

Apparent output power	1.99	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	16	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	57.3	2.9
50	100	52.3	2.6
0	100	48	2.4
90	50	45.8	2.3
50	50	43.8	2.2
0	50	41.8	2.1
50	25	40	2
0	25	39.1	2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD015FP2EA-41

Apparent output power	2.99	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	16	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	76.1	2.5
50	100	66.8	2.2
0	100	59.5	2
90	50	56.3	1.9
50	50	52.7	1.8
0	50	49.4	1.7
50	25	46.6	1.6
0	25	45.1	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD022FP2EA-41

Apparent output power	3.98	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	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	102.9	2.6
50	100	88.3	2.2
0	100	77.7	1.9
90	50	73.5	1.8
50	50	68	1.7
0	50	63.3	1.6
50	25	59.5	1.5
0	25	57.4	1.4

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD037FP2EA-41

Apparent output power	5.98	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	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	143.5	2.4
50	100	121.3	2
0	100	104.9	1.8
90	50	96.2	1.6
50	50	87.9	1.5
0	50	80.8	1.4
50	25	74.1	1.2
0	25	70.9	1.2

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD055FP2EA-41

Apparent output power	8.37	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	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	211.5	2.5
50	100	171.1	2
0	100	142.9	1.7
90	50	114.8	1.4
50	50	101.8	1.2
0	50	91.2	1.1
50	25	79.2	0.9
0	25	74.6	0.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD075FP2EA-41

Apparent output power	12.35	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	26.5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	271.3	2.2
50	100	222.9	1.8
0	100	184.7	1.5
90	50	152	1.2
50	50	134.9	1.1
0	50	119.3	1
50	25	104.4	0.8
0	25	97.2	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD110FP2EA-41

Apparent output power	18.32	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	26.5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	430.5	2.3
50	100	337.5	1.8
0	100	270.7	1.5
90	50	220.3	1.2
50	50	189.7	1
0	50	163.8	0.9
50	25	140.1	0.8
0	25	128.6	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD150FP2EA-41

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	48.4	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	539.4	2.2
50	100	471	1.9
0	100	415.2	1.7
90	50	306.2	1.3
50	50	281	1.2
0	50	256.9	1.1
50	25	216.6	0.9
0	25	205.1	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD185FP2EA-41

Apparent output power	29.88	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	48.4	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	774	2.6
50	100	687.1	2.3
0	100	623.2	2.1
90	50	432.7	1.4
50	50	400.1	1.3
0	50	370.5	1.2
50	25	301.7	1
0	25	287.2	1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD220FP2EA-41

Apparent output power	35.85	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	62.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	937	2.6
50	100	760	2.1
0	100	632.9	1.8
90	50	488.3	1.4
50	50	431.3	1.2
0	50	383.8	1.1
50	25	322.9	0.9
0	25	302.2	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD300FP2EA-41

Apparent output power	41.83	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	62.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1142.6	2.7
50	100	911	2.2
0	100	749.6	1.8
90	50	573.3	1.4
50	50	500.4	1.2
0	50	441.5	1.1
50	25	367.3	0.9
0	25	342.1	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD370FP2EA-41

Apparent output power	58.16	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	101.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1212.4	2.1
50	100	1006.4	1.7
0	100	853	1.5
90	50	659.1	1.1
50	50	589.6	1
0	50	529.3	0.9
50	25	443.4	0.8
0	25	416.2	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD450FP2EA-41

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	101.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1543.3	2.2
50	100	1252.3	1.7
0	100	1044.1	1.5
90	50	802.1	1.1
50	50	706.8	1
0	50	627.5	0.9
50	25	518.8	0.7
0	25	483.8	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD015FP5EA-41

Apparent output power	2.99	kVA
Rated output current	3	A
Rated power output	1.5	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	16	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	66.5	2.2
50	100	60.9	2
0	100	56.5	1.9
90	50	51.7	1.7
50	50	49.5	1.7
0	50	47.6	1.6
50	25	44.7	1.5
0	25	43.8	1.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD022FP5EA-41

Apparent output power	4.28	kVA
Rated output current	4.3	A
Rated power output	2.2	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	93	2.2
50	100	83.5	1.9
0	100	76.5	1.8
90	50	69.4	1.6
50	50	65.9	1.5
0	50	62.9	1.5
50	25	58.5	1.4
0	25	57.2	1.3

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD037FP5EA-41

Apparent output power	6.67	kVA
Rated output current	6.7	A
Rated power output	3.7	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	143	2.1
50	100	122.7	1.8
0	100	109.5	1.6
90	50	97.2	1.5
50	50	90.1	1.4
0	50	84.8	1.3
50	25	76.7	1.1
0	25	74.5	1.1

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD055FP5EA-41

Apparent output power	9.86	kVA
Rated output current	9.9	A
Rated power output	5.5	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	204.6	2.1
50	100	179.3	1.8
0	100	161.4	1.6
90	50	121.4	1.2
50	50	113.3	1.1
0	50	106.6	1.1
50	25	90.3	0.9
0	25	87.3	0.9

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD075FP5EA-41

Apparent output power	12.05	kVA
Rated output current	12.1	A
Rated power output	7.5	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	22.6	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	246.2	2
50	100	215.9	1.8
0	100	194.2	1.6
90	50	142.3	1.2
50	50	132.5	1.1
0	50	124.3	1
50	25	103.7	0.9
0	25	100.1	0.8

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD110FP5EA-41

Apparent output power	18.62	kVA
Rated output current	18.7	A
Rated power output	11	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	26.5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	326.3	1.8
50	100	292.4	1.6
0	100	263.4	1.4
90	50	186	1
50	50	174.3	0.9
0	50	163	0.9
50	25	134.1	0.7
0	25	129	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD150FP5EA-41

Apparent output power	24.1	kVA
Rated output current	24.2	A
Rated power output	15	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	26.5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	396.9	1.6
50	100	351	1.5
0	100	315.9	1.3
90	50	222.1	0.9
50	50	207.1	0.9
0	50	193.9	0.8
50	25	157.7	0.7
0	25	152	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD185FP5EA-41

Apparent output power	29.88	kVA
Rated output current	30	A
Rated power output	18.5	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	26.5	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	465.8	1.6
50	100	409.3	1.4
0	100	364.1	1.2
90	50	258	0.9
50	50	238.9	0.8
0	50	221.4	0.7
50	25	180	0.6
0	25	172.2	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD220FP5EA-41

Apparent output power	35.85	kVA
Rated output current	36	A
Rated power output	22	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	48.4	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	600	1.7
50	100	543.3	1.5
0	100	495.6	1.4
90	50	357.7	1
50	50	336.4	0.9
0	50	315.6	0.9
50	25	262.1	0.7
0	25	252.1	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD300FP5EA-41

Apparent output power	44.82	kVA
Rated output current	45	A
Rated power output	30	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	48.4	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	749.4	1.7
50	100	669.6	1.5
0	100	606.2	1.4
90	50	433.5	1
50	50	404.7	0.9
0	50	377.8	0.8
50	25	310.3	0.7
0	25	297.5	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD370FP5EA-41

Apparent output power	53.78	kVA
Rated output current	54	A
Rated power output	37	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	48.4	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	775.9	1.4
50	100	689.1	1.3
0	100	619.5	1.2
90	50	443.4	0.8
50	50	411.1	0.8
0	50	380.6	0.7
50	25	312.9	0.6
0	25	298.2	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD450FP5EA-41

Apparent output power	66.73	kVA
Rated output current	67	A
Rated power output	45	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	62.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1032.1	1.5
50	100	892.9	1.3
0	100	795.7	1.2
90	50	559.7	0.8
50	50	515.2	0.8
0	50	479.2	0.7
50	25	382.8	0.6
0	25	367.2	0.6

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD550FP5EA-41

Apparent output power	85.65	kVA
Rated output current	86	A
Rated power output	55	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	62.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1598.1	1.9
50	100	1418.1	1.7
0	100	1298.6	1.5
90	50	873.6	1
50	50	816	1
0	50	771	0.9
50	25	598.2	0.7
0	25	578.6	0.7

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD750FP5EA-41

Apparent output power	103.57	kVA
Rated output current	104	A
Rated power output	75	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	101.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	1479.6	1.4
50	100	1355.3	1.3
0	100	1281.1	1.2
90	50	806.9	0.8
50	50	763.4	0.7
0	50	729.7	0.7
50	25	564.3	0.5
0	25	548.1	0.5

Energy Efficiency Report

Drive efficiency according to IEC 61800-9-2

Efficiency level:

IE2

Series:	CFP2000
Model name:	VFD900FP5EA-41

Apparent output power	124.49	kVA
Rated output current	125	A
Rated power output	90	kW
Rated supply voltage	575	V
Rated supply frequency	50/60	Hz
Standby loss	101.1	W
Maximum operating temperature	50	°C

Frequency (%)	Current (%)	Power loss (W)	Relative Power loss (%)
90	100	2074.7	1.7
50	100	1875.3	1.5
0	100	1717.7	1.4
90	50	1147.6	0.9
50	50	1078.6	0.9
0	50	1015.8	0.8
50	25	793	0.6
0	25	764.4	0.6