



# LV8 Type Data

Deviating pulse frequencies and other variations available on request

## Line converter, water-cooled at ambient temperature 40°C at 2.5 kHz

Type Designation	Line Voltage	Motor Voltage	Rated Power	Load Cycle 60s / 600s		Load Cycle 30s / 180s		Load Cycle 3s / 15s		DC-Link Voltage
				Rated Current	Max. Current	Rated Current	Max. Current	Rated Current	Max. Current	
	[V]	[V]	[kVA]	[A]	[A]	[A]	[A]	[A]	[A]	[VDC]
LV8405W40-AFE	400	400 – 440	416	600	720	600	810	590	920	720
LV8405W40X-AFE	400	400 – 440	416	600	720	600	810	600	940	720
LV8407W40-AFE	400	400 – 440	637	920	1104	920	1250	920	1435	720
LV8505W40-AFE	400	460 – 500	416	600	720	590	800	570	890	790
LV8505W40X-AFE	400	460 – 500	416	600	720	600	810	600	940	790
LV8507W40-AFE	400	460 – 500	637	920	1104	920	1250	920	1435	790
LV8606W40-AFE	690	690	514	430	516	385	520	365	570	1070
LV8611W40-AFE	690	690	1100	920	1104	920	1250	920	1435	1070
<b>2 converters in parallel</b>										
LV8409W40-AFE (2p)	400	400 – 440	831	1200	1440	1200	1620	1180	1840	720
LV8409W40X-AFE (2p)	400	400 – 440	831	1200	1440	1200	1620	1200	1880	720
LV8413W40-AFE (2p)	400	400 – 440	1274	1840	2208	1840	2500	1840	2870	720
LV8509W40-AFE (2p)	400	460 – 500	831	1200	1440	1180	1600	1140	1780	790
LV8509W40X-AFE (2p)	400	460 – 500	831	1200	1440	1200	1620	1200	1880	790
LV8513W40-AFE (2p)	400	460 – 500	1274	1840	2208	1840	2500	1840	2870	790
LV8611W40-AFE (2p)	690	690	1027	860	1032	770	1040	730	1140	1070
LV8622W40-AFE (2p)	690	690	2200	1840	2208	1840	2500	1840	2870	1070
<b>3 converters in parallel</b>										
LV8413W40-AFE (3p)	400	400 – 440	1246	1800	2160	1800	2430	1770	2760	720
LV8413W40X-AFE (3p)	400	400 – 440	1246	1800	2160	1800	2430	1800	2820	720
LV8420W40-AFE (3p)	400	400 – 440	1910	2760	3312	2760	3750	2760	4305	720
LV8513W40-AFE (3p)	400	460 – 500	1246	1800	2160	1770	2400	1710	2670	790
LV8513W40X-AFE (3p)	400	460 – 500	1246	1800	2160	1800	2430	1800	2820	790
LV8520W40-AFE (3p)	400	460 – 500	1910	2760	3312	2760	3750	2760	4305	790
LV8616W40-AFE (3p)	690	690	1540	1290	1548	1155	1560	1095	1710	1070
LV8633W40-AFE (3p)	690	690	3295	2760	3312	2760	3750	2760	4305	1070