



TECHNICAL SPECIFICATIONS

LSM3 480V

Model Number	AC Input				DC Output			Opportunity Capacity Range (AH)	2 Hr Fast Capacity Range (AH)	3 Hr Fast Capacity Range (AH)	Dimensions H x W x D (inch)	Charger Cable (AWG)	Cabinet Type	Weight (lbs.)
	Voltage	Nominal Amp Draw	Max Amps*	Phase	# Modules/ # Bays	Cells	Max Current (A)							
LSM3-48F-180Y	480	14.4	28.8	3	3 / 6	12	240	100 - 960	100 - 480	100 - 720	23.17 x 21 x 13.77	3/0	F	86
						18	240	100 - 960	100 - 480	100 - 720				
						24	180	100 - 720	100 - 360	100 - 540				
LSM3-48F-240Y	480	19.2	28.8	3	4 / 6	12	320	100 - 1280	100 - 640	100 - 960	23.17 x 21 x 13.77	3/0	F	94
						18	320	100 - 1280	100 - 640	100 - 960				
						24	240	100 - 960	100 - 480	100 - 720				
LSM3-48F-300Y	480	24.0	28.8	3	5 / 6	12	320	100 - 1280	100 - 640	100 - 960	23.17 x 21 x 13.77	3/0	F	102
						18	320	100 - 1280	100 - 640	100 - 960				
						24	300	100 - 1200	100 - 600	100 - 900				
LSM3-48F-320Y	480	28.8	28.8	3	6 / 6	12	320	100 - 1280	100 - 640	100 - 960	23.17 x 21 x 13.77	3/0	F	110
						18	320	100 - 1280	100 - 640	100 - 960				
						24	320	100 - 1280	100 - 640	100 - 960				
LSM3-48F-300YP	480	24.0	28.8	3	5 / 6	12	400	100 - 1600	100 - 800	100 - 1200	23.17 x 21 x 13.77	Dual 3/0	F	115
						18	400	100 - 1600	100 - 800	100 - 1200				
						24	300	100 - 1200	100 - 600	100 - 900				
LSM3-48F-360YP	480	28.8	28.8	3	6 / 6	12	480	100 - 1920	100 - 960	100 - 1440	23.17 x 21 x 13.77	Dual 3/0	F	123
						18	480	100 - 1920	100 - 960	100 - 1440				
						24	360	100 - 1440	100 - 720	100 - 1080				
LSM3-80F-108Y	480	14.4	28.8	3	3 / 6	36	120	100 - 480	100 - 240	100 - 360	23.17 x 21 x 13.77	3/0	F	86
						40	108	100 - 430	100 - 215	100 - 325				
LSM3-80F-144Y	480	19.2	28.8	3	4 / 6	36	160	100 - 640	100 - 320	100 - 480	23.17 x 21 x 13.77	3/0	F	94
						40	144	100 - 575	100 - 285	100 - 430				
LSM3-80F-180Y	480	24.0	28.8	3	5 / 6	36	200	100 - 800	100 - 400	100 - 600	23.17 x 21 x 13.77	3/0	F	102
						40	180	100 - 720	100 - 360	100 - 540				
LSM3-80F-216Y	480	28.8	28.8	3	6 / 6	36	240	100 - 960	100 - 480	100 - 720	23.17 x 21 x 13.77	3/0	F	110
						40	216	100 - 865	100 - 430	100 - 650				
LSM3-48L-300YP	480	24.0	57.6	3	5/12	12	400	100 - 1600	100 - 800	100 - 1200	43.45 x 24 x 16	Dual 3/0	L	194
						18	400	100 - 1600	100 - 800	100 - 1200				
						24	300	100 - 1200	100 - 600	100 - 900				
LSM3-48L-360YP	480	28.8	57.6	3	6/12	12	480	100-1920	100-960	100-1440	43.45 x 24 x 16	Dual 3/0	L	202
						18	480	100-1920	100-960	100-1440				
						24	360	100-1440	100-720	100-1080				

LSM3-48L-420YP	480	33.6	57.6	3	7/12	12	560	100-2240	100-1120	100-1680	43.45 x 24 x 16	Dual 3/0	L	210
						18	560	100-2240	100-1120	100-1680				
						24	420	100-1680	100-840	100-1260				
LSM3-48L-480YP	480	38.4	57.6	3	8/12	12	640	100-2560	100-1280	100-1920	43.45 x 24 x 16	Dual 3/0	L	218
						18	640	100-2560	100-1280	100-1920				
						24	480	100-1920	100-960	100-1440				
LSM3-48L-540YP	480	43.2	57.6	3	9/12	12	640	100-2560	100-1280	100-1920	43.45 x 24 x 16	Dual 3/0	L	226
						18	640	100-2560	100-1280	100-1920				
						24	540	100-2160	100-1080	100-1620				
LSM3-48L-600YP	480	48.0	57.6	3	10/12	12	640	100-2560	100-1280	100-1920	43.45 x 24 x 16	Dual 3/0	L	234
						18	640	100-2560	100-1280	100-1920				
						24	600	100-2400	100-1200	100-1800				
LSM3-48L-640YP	480	52.8	57.6	3	11/12	12	640	100-2560	100-1280	100-1920	43.45 x 24 x 16	Dual 3/0	L	242
						18	640	100-2560	100-1280	100-1920				
						24	640	100-2560	100-1280	100-1920				
LSM3-80L-180YP	480	14.4	57.6	3	5/12	36	200	100-800	100-400	100-600	43.45 x 24 x 16	Dual 3/0	L	194
						40	180	100-720	100-360	100-540				
LSM3-80L-216YP	480	28.8	57.6	3	6/12	36	240	100-960	100-480	100-720	43.45 x 24 x 16	Dual 3/0	L	202
						40	216	100-864	100-432	100-648				
LSM3-80L-252YP	480	33.6	57.6	3	7/12	36	280	100-1120	100-560	100-840	43.45 x 24 x 16	Dual 3/0	L	210
						40	252	100-1080	100-504	100-756				
LSM3-80L-288YP	480	38.4	57.6	3	8/12	36	320	100-1280	100-640	100-960	43.45 x 24 x 16	Dual 3/0	L	218
						40	288	100-1152	100-576	100-864				
LSM3-80L-324YP	480	43.2	57.6	3	9/12	36	360	100-1140	100-720	100-1080	43.45 x 24 x 16	Dual 3/0	L	226
						40	324	100-1296	100-648	100-972				
LSM3-80L-360YP	480	48.0	57.6	3	10/12	36	400	100-1600	100-800	100-1200	43.45 x 24 x 16	Dual 3/0	L	234
						40	360	100-1440	100-720	100-1080				
LSM3-80L-396YP	480	52.8	57.6	3	11/12	36	440	100-1760	100-880	100-1320	43.45 x 24 x 16	Dual 3/0	L	242
						40	396	100-1584	100-792	100-1188				
LSM3-80L-432YP	480	57.6	57.6	3	12/12	36	480	100-1920	100-960	100-1440	43.45 x 24 x 16	Dual 3/0	L	250
						40	432	100-1728	100-864	100-1296				

* Max amps configured / Max amps per fully-populated cabinet

Please Note: CEC Compliant chargers will include a C in the part number - ex. LSM3C48F-180Y.

LSM3TS-480V Rev. 4

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