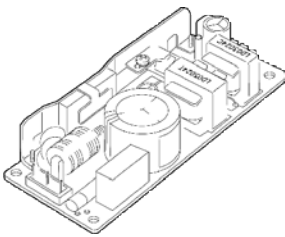


Single Output, PFC Switching Power Supplies



LEA Series Single Output — 50-150 Watts, Power Factor Correction, Universal Input AC 85~264, Open Frame

Designed for Small Size, Low Profile, High Reliability, Low Cost with Power Factor Correction.



- Active Method PFC 0.99 Power Factor Obtained

► Cost Effective, Small Open Frame PC Board Construction

► High Quality — Documented Field Failure Rate Less Than 0.012%

► Available with Chassis and Cover (SN Option)

► Available with ±10% Adjustable Output Potentiometer (Y Option)

► Universal Input 85~264 VAC

► Fully Regulated, Fully Isolated Input/Output
- Inrush Current, Over-Voltage, Over-Current Protection Circuitry

► Remote On/Off (Option R)

► Conductive Noise — Complies with FCC-B, CISPR22-B EN55022-B, VCCI-B

► UL, CUL and TÜV Safety Approvals; CE Marked

► Two Year Warranty

Stock No.	Mr.'s Type	DC Output Voltage						Size (In.) W × H × D	Weight Lbs.	EACH	
		3	5	12	15	24	48			1-4	5-24
800-5300	LEA50F-3R3-Y	10.0 A	—	—	—	—	—	2.17 × 1.02 × 7.68	0.55	73.63	67.97
800-5305	LEA50F-3R3-SN-Y	10.0 A	—	—	—	—	—	2.56 × 1.42 × 8.86	0.55	79.10	73.02
800-5310	LEA50F-5	—	10.0 A	—	—	—	—	2.17 × 1.02 × 7.68	0.55	70.90	65.44
800-5315	LEA50F-5-SN	—	10.0 A	—	—	—	—	2.56 × 1.42 × 8.86	0.55	76.37	70.49
800-5320	LEA50F-12	—	—	4.3 A	—	—	—	2.17 × 1.02 × 7.68	0.55	70.90	65.44
800-5325	LEA50F-12-SN	—	—	4.3 A	—	—	—	2.56 × 1.42 × 8.86	0.55	76.37	70.49
800-5330	LEA50F-15	—	—	—	3.5 A	—	—	2.17 × 1.02 × 7.68	0.55	70.90	65.44
800-5335	LEA50F-15-SN	—	—	—	3.5 A	—	—	2.56 × 1.42 × 8.86	0.55	76.37	70.49
800-5340	LEA50F-24	—	—	—	—	2.1 A	—	2.17 × 1.02 × 7.68	0.55	70.90	65.44
800-5345	LEA50F-24-SN	—	—	—	—	2.1 A	—	2.56 × 1.42 × 8.86	0.55	76.37	70.49
800-5350	LEA50F-48	—	—	—	—	—	1.1 A	2.17 × 1.02 × 7.68	0.55	70.90	65.44
800-5355	LEA50F-48-SN	—	—	—	—	—	1.1 A	2.56 × 1.42 × 8.86	0.55	76.37	70.49
800-5360	LEA75F-3R3-Y	15.0 A	—	—	—	—	—	2.17 × 1.26 × 8.74	0.70	92.04	84.96
800-5365	LEA75F-3R3-SN-Y	15.0 A	—	—	—	—	—	2.56 × 1.65 × 9.93	0.70	99.00	91.38
800-5370	LEA75F-5	—	15.0 A	—	—	—	—	2.17 × 1.26 × 8.74	0.70	89.05	82.86
800-5375	LEA75F-5-SN	—	15.0 A	—	—	—	—	2.56 × 1.65 × 9.93	0.70	96.02	88.63
800-5380	LEA75F-12	—	—	6.3 A	—	—	—	2.17 × 1.26 × 8.74	0.70	89.05	82.20
800-5385	LEA75F-12-SN	—	—	6.3 A	—	—	—	2.56 × 1.65 × 9.93	0.70	96.02	88.63
800-5390	LEA75F-15	—	—	—	5.0 A	—	—	2.17 × 1.26 × 8.74	0.70	89.05	82.20
800-5395	LEA75F-15-SN	—	—	—	5.0 A	—	—	2.56 × 1.65 × 9.93	0.70	96.02	88.63
800-5400	LEA75F-24	—	—	—	—	3.2 A	—	2.17 × 1.26 × 8.74	0.70	89.05	82.20
800-5405	LEA75F-24-SN	—	—	—	—	3.2 A	—	2.56 × 1.65 × 9.93	0.70	96.02	88.63
800-5410	LEA75F-48	—	—	—	—	—	1.6 A	2.17 × 1.26 × 8.74	0.70	89.05	82.20
800-5414	LEA75F-48-SN	—	—	—	—	—	1.6 A	2.56 × 1.65 × 9.93	0.70	96.02	88.63
800-5420	LEA100F-3R3-Y	20.0 A	—	—	—	—	—	2.44 × 1.38 × 8.74	0.79	115.42	106.54
800-5425	LEA100F-3R3-SN-Y	20.0 A	—	—	—	—	—	2.84 × 1.77 × 9.93	0.79	122.89	113.43
800-5430	LEA100F-5	—	20.0 A	—	—	—	—	2.44 × 1.38 × 8.74	0.79	115.42	106.54
800-5435	LEA100F-5-SN	—	20.0 A	—	—	—	—	2.84 × 1.77 × 9.93	0.79	122.89	113.43
800-5440	LEA100F-12	—	—	8.5 A	—	—	—	2.44 × 1.38 × 8.74	0.79	115.42	106.54
800-5445	LEA100F-12-SN	—	—	8.5 A	—	—	—	2.84 × 1.77 × 9.93	0.79	122.89	113.43
800-5450	LEA100F-15	—	—	—	6.7 A	—	—	2.44 × 1.38 × 8.74	0.79	115.42	106.54
800-5455	LEA100F-15-SN	—	—	—	6.7 A	—	—	2.84 × 1.77 × 9.93	0.79	122.89	113.43
800-5460	LEA100F-24	—	—	—	—	4.3 A	—	2.44 × 1.38 × 8.74	0.79	115.42	106.54
800-5465	LEA100F-24-SN	—	—	—	—	4.3 A	—	2.84 × 1.77 × 9.93	0.79	122.89	122.89
800-5470	LEA100F-48	—	—	—	—	—	2.2 A	2.44 × 1.38 × 8.74	0.79	115.42	115.42
800-5475	LEA100F-48-SN	—	—	—	—	—	2.2 A	2.84 × 1.77 × 9.93	0.79	122.89	122.89
800-5480	LEA150F-3R3-Y	30.0 A	—	—	—	—	—	2.95 × 1.46 × 8.74	1.12	150.75	139.15
800-5485	LEA150F-3R3-SN-Y	30.0 A	—	—	—	—	—	3.35 × 1.85 × 9.93	1.12	158.21	146.04
800-5490	LEA150F-5	—	30.0 A	—	—	—	—	2.95 × 1.46 × 8.74	1.12	150.75	139.15
800-5495	LEA150F-5-SN	—	30.0 A	—	—	—	—	3.35 × 1.85 × 9.93	1.12	158.21	146.04
800-5500	LEA150F-12	—	—	12.5 A	—	—	—	2.95 × 1.46 × 8.74	1.12	150.75	139.15
800-5505	LEA150F-12-SN	—	—	12.5 A	—	—	—	3.35 × 1.85 × 9.93	1.12	158.21	146.04
800-5510	LEA150F-15	—	—	—	10.0 A	—	—	2.95 × 1.46 × 8.74	1.12	150.75	139.15
800-5515	LEA150F-15-SN	—	—	—	10.0 A	—	—	3.35 × 1.85 × 9.93	1.12	158.21	158.21
800-5520	LEA150F-24	—	—	—	—	6.3 A	—	2.95 × 1.46 × 8.74	1.12	150.75	150.75
800-5525	LEA150F-24-SN	—	—	—	—	6.3 A	—	3.35 × 1.85 × 9.93	1.12	158.21	146.04
800-5530	LEA150F-48	—	—	—	—	—	3.2 A	2.95 × 1.46 × 8.74	1.12	150.75	150.75
800-5535	LEA150F-48-SN	—	—	—	—	—	3.2 A	3.35 × 1.85 × 9.93	1.12	158.21	158.21

LCA Series Single Output — 10-150 Watts Standard Input, AC 85~132, Open Frame



Designed for Small Size, Low Profile, High Reliability and Low Cost.

- Cost Effective, Small, Open Frame PC Board Construction

► High Quality — Field Failure Rate Less than 0.012%

► Also Available with Chassis and Cover Option on 100 and 150 Watts (SN Option)

► Also Available with ±10% Adjustable Output Voltage Potentiometer (Y Option)
- Standard Input AC 85~132

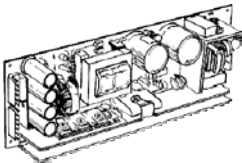
► Fully Regulated, Fully Isolated Input/Output

► Conductive Noise — Complies with FCC-B, VCCI-2 and VGF 243/91

► UL, CSA and TÜV Safety Approvals; CE Marked

► Two Year Warranty

► Wiring Harnesses Available at Bottom of Page 696



Single Output

Stock No.	Mr.'s Type	Wattage Approx.	DC Output Volts	Output Amps	Size (In.) W × H × D	Weight Lbs.	EACH		Stock No.	Mr.'s Type	Wattage Approx.	DC Output Volts	Output Amps	Size (In.) W × H × D	Weight Lbs.	EACH	
							1-4	5-24								1-4	5-24
800-9756	LCA10S-5	10	5.0	2.0	1.93 × 0.67 × 3.70	0.14	25.00	23.00	800-9772	LCA50S-24	50	24.0	2.5	1.97 × 0.98 × 7.68	0.44	48.75	45.01
800-9757	LCA10S-12	10	12.0	0.9	1.93 × 0.67 × 3.70	0.14	25.00	23.00	800-6520	LCA50S-48	50	48.0	1.3	1.97 × 0.98 × 5.22	0.44	48.75	45.01
800-9758	LCA10S-15	10	15.0	0.7	1.93 × 0.67 × 3.70	0.14	23.13	21.35	800-5550	LCA75S-3	75	3.0	15.0	1.97 × 1.26 × 8.74	0.66	62.19	57.41
800-9760	LCA10S-24	10	24.0	0.5	1.93 × 0.67 × 3.70	0.14	25.00	23.00	800-0005	LCA75S-5	75	5.0	15.0	1.97 × 1.26 × 8.74	0.66	62.19	57.41
800-9761	LCA15S-5	15	5.0	3.0	1.97 × 0.67 × 4.53	0.18	28.86	26.64	800-0010	LCA75S-12	75	12.0	6.3	1.97 × 1.26 × 8.74	0.66	62.19	57.41
800-9762	LCA15S-12	15	12.0	1.3	1.97 × 0.67 × 4.53	0.18	28.86	26.64	800-0015	LCA75S-15	75	15.0	5.0	1.97 × 1.26 × 8.74	0.66	62.19	57.40
800-9763	LCA15S-15	15	15.0	1.0	1.97 × 0.67 × 4.53	0.18	28.86	26.64	800-0020	LCA75S-24	75	24.0	3.2	1.97 × 1.26 × 8.74	0.66	62.19	57.41
800-9764	LCA15S-24	15	24.0	0.7	1.97 × 0.67 × 4.53	0.18	28.86	26.64	800-6525	LCA75S-48	75	48.0	1.6	1.97 × 1.26 × 8.74	0.66	62.19	57.41
800-5540	LCA30S-3	30	3.0	6.0	1.97 × 0.98 × 5.22	0.33	37.81	34.90	800-5555	LCA100S-3	100	3.0	20.0	2.44 × 1.26 × 8.74	0.81	79.10	73.02
800-9765	LCA30S-5	30	5.0	6.0	1.97 × 0.98 × 5.22	0.33	37.81	34.90	800-9773	LCA100S-5	100	5.0	20.0	2.44 × 1.26 × 8.74	0.81	79.10	73.02
800-9766	LCA30S-12	30	12.0	2.5	1.97 × 0.98 × 5.22	0.33	40.00	37.00	800-9774	LCA100S-12	100	12.0	8.5	2.44 × 1.26 × 8.74	0.81	79.10	73.02
800-9767	LCA30S-15	30	15.0	2.0	1.97 × 0.98 × 5.22	0.33	37.81	34.90	800-9775	LCA100S-15	100	15.0	7.0	2.44 × 1.26 × 8.74	0.81	79.10	73.02
800-9768	LCA30S-24	30	24.0	1.3	1.97 × 0.98 × 5.22	0.33	40.00	37.00	800-9776	LCA100S-24	100	24.0	4.3	2.44 × 1.26 × 8.74	0.81	79.10	73.02
800-6515	LCA30S-48	30	48.0	0.7	1.97 × 0.98 × 5.22	0.33	37.81	34.90	800-5560	LCA150S-3	150	3.0	30.0	2.95 × 1.42 × 8.74	1.21	110.45	101.95
800-5545	LCA50S-3	50	3.0	10.0	1.97 × 0.98 × 7.68	0.44	48.75	45.01	800-9778	LCA150S-12	150	12.0	12.5	2.95 × 1.42 × 8.74	1.21	110.45	101.95
800-9769	LCA50S-5	50	5.0	10.0	1.97 × 0.98 × 7.68	0.44	48.75	45.01	800-9779	LCA150S-15	150	15.0	10.0	2.95 × 1.42 × 8.74	1.21	110.45	101.95
800-9770	LCA50S-12	50	12.0	4.3	1.97 × 0.98 × 7.68	0.44	48.75	45.01	800-9780	LCA150S-24	150	24.0	6.3	2.95 × 1.42 × 8.74	1.21	117.00	108.00
800-9771	LCA50S-15	50	15.0	3.5	1.97 × 0.98 × 7.68	0.44	48.75	45.01	800-6535	LCA150S-48	150	48.0	3.2	2.95 × 1.42 × 8.74	1.21	110.45	101.95

Check Pricing And Availability Of All Items On The Internet At www.alliedelec.com

ALLIED ► 697