

# AC-DC Converters



Wattage	Case type	Series Name	Input VAC & VDC & Hz	Single Output	Dual Output	Dual Separated	Isolation VAC	Dimension (L x W x H mm) (±0.5)	Note
5W	Encapsulated	AMEL5-MAZ	90~260 or 120~370/ 47-440	3.3, 5, 12, 15, 24	±5, ±12, ±15		4000	51.50 x 26.10 x 15.80	CE, cULus, CB
15W	Encapsulated	AME15-MAZ	90~260 or 120~370/ 47-440	3.3, 5, 12, 15, 24	±5, ±12, ±15		4000	65.00 x 46.50 x 20.10	CE, cULus, CB
	Enclosed connector pack.	AMEC15-MAZ	90~260 or 120~370/ 47-440	3.3, 5, 12, 15, 24	±5, ±12, ±15		4000	92.00 x 65.00 x 24	CE, cULus, CB
	Enclosed screw terminal	AMES15-MAZ	90~260 or 120~370/ 47-440	3.3, 5, 12, 15, 24	±5, ±12, ±15		4000	92.00 x 66.00 x 24	CE, cULus, CB
30W <b>NEW</b>	Encapsulated	AME30-MAZ	90~260 or 120~370/ 47-440	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	5/12	4000	90.50 x 63.00 x 30.00	CE, cULus, CB
	Enclosed connector pack.	AMEC30-MAZ	90~260 or 120~370/ 47-440	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	5/12	4000	125.00 x 63.00 x 37.00	CE, cULus, CB
	Enclosed screw terminal	AMES30-MAZ	90~260 or 120~370/ 47-440	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	5/12	4000	125.00 x 63.00 x 37.00	CE, cULus, CB
40W <b>NEW</b>	Encapsulated	AME40-MAZ	90~260 or 120~370/ 47-440	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	5/12	4000	90.50 x 63.00 x 30.00	CE, cULus, CB
	Enclosed connector pack.	AMEC40-MAZ	90~260 or 120~370/ 47-440	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	5/12	4000	125.00 x 63.00 x 37.00	CE, cULus, CB
	Enclosed screw terminal	AMES40-MAZ	90~260 or 120~370/ 47-440	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	5/12	4000	125.00 x 63.00 x 37.00	CE, cULus, CB



5W 2x1



AME15



AME30



AME40

# LED Drivers **NEW**

Output current (mA)	Case type	Model Name	Input Voltage	Output Voltage	Operating Temperature	Dimension (L x W x H mm)
300	DIP24	AMLD-3630IZ	5 ~ 36	2 ~ 32	-40°C to +85°C	31.80 x 20.30 x 10.20
350	DIP24	AMLD-3635IZ	5 ~ 36	2 ~ 32	-40°C to +85°C	31.80 x 20.30 x 10.20
500	DIP24	AMLD-3650IZ	5 ~ 36	2 ~ 32	-40°C to +85°C	31.80 x 20.30 x 10.20
600	DIP24	AMLD-3660IZ	5 ~ 36	2 ~ 32	-40°C to +85°C	31.80 x 20.30 x 10.20
700	DIP24	AMLD-3670IZ	5 ~ 36	2 ~ 32	-40°C to +85°C	31.80 x 20.30 x 10.20
300	DIP14	AMLDL-3030Z	7 ~ 30	2 ~ 28	-40°C to +85°C	20.32 x 10.16 x 6.88
350	DIP14	AMLDL-3035Z	7 ~ 30	2 ~ 28	-40°C to +85°C	20.32 x 10.16 x 6.88
500	DIP16	AMLDL-3050Z	7 ~ 30	2 ~ 28	-40°C to +85°C	23.40 x 14.00 x 10.16
600	DIP16	AMLDL-3060Z	7 ~ 30	2 ~ 28	-40°C to +85°C	23.40 x 14.00 x 10.16
700	DIP16	AMLDL-3070Z	7 ~ 30	2 ~ 28	-40°C to +85°C	23.40 x 14.00 x 10.16
1000	DIP16	AMLDL-30100Z	7 ~ 30	2 ~ 28	-40°C to +85°C	23.40 x 14.00 x 10.16



Up to 700mA Output Current DIP24



Up to 1A Output Current DIP14 & 16



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# DC-DC AC-DC Catalogue Overview **13**

Volume 13

As a global supplier of DC-DC and AC-DC power converters, Aimtec is committed to providing its clients with the highest value/cost ratio possible. The company's success is based on three core factors:

1. Excellent quality products at cost effective prices
2. Highly responsive service and support
3. Lead times of six to eight weeks

Aimtec products are available through a global network of local and regional distributors and representatives.

Your Power Partner

DC-DC Converters  
AC-DC Converters



Wide selection of package types, including ultra miniature and low profile



Wattage	Case Type	Series Name	Input VDC	Single Output (VDC)	Dual Output (VDC)	Dual separated (VDC)	Isolation VDC	Dimensions (L x W x Hmm)	Note
1/4 W	SMD	AM1/4L-NZ	3 ~ 3.6, 4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 9, 12, 15, 24	±5, ±9, ±12, ±15, ±24		1000, 3000	12.70 x 6.70 x 11.20	
	SIP4	AM1/4S-Z	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 7.2, 9, 12, 15, 18, 24			1000, 3000	11.68 x 6.00 x 9.65	
1W	SIP7	AM1D-NZ	4.5 ~ 5.5, 10.8 ~ 13.2, 13.5 ~ 16.5, 21.6 ~ 26.4	5, 9, 12, 15	±5, ±9, ±12, ±15		1000, 3000, 6000	19.50 x 6.00 x 10.20	CE, RoHS
	SIP7	AM1D-Z	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24	3.3/3.3, 5/5, 7.2/7.2, 9/9, 12/12, 15/15, 18/18, 24/24	1000, 3000, 4000, 5200, 6000	19.50 x 6.00 x 9.50	CE
	SIP7	AM1DC-Z	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 9, 12, 15	±3.3, ±5, ±9, ±12, ±15		6000	19.56 x 9.80 x 12.00	
	SIP7	AM1DR-NZ	4.75 ~ 5.25, 11.4 ~ 12.6, 22.8 ~ 25.2	5, 9, 12, 15			1000	50.80 x 25.40 x 10.16	
	SIP7	AM1DR-Z	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 7.2, 9, 12, 15			1000, 3000	19.50 x 7.20 x 9.50	
	SIP8	AM1G-Z	4.5 ~ 9, 9 ~ 18, 18 ~ 36, 36 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1000, 3000	21.85 x 9.20 x 10.60	
	SMD	AM1L-NZ	3.0 ~ 3.6, 4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 9, 12, 15, 24	±5, ±9, ±12, ±15	5/5, 9/9, 12/12, 15/15	1000, 3000	12.70 x 11.20 x 6.25	CE, RoHS
	SMD	AM1LT-NZ	4.5 ~ 5.5, 10.8 ~ 13.2	5, 9, 12, 15			1500	19.50 x 10.53 x 5.10	
	DIP14	AM1M-NZ	4.5 ~ 5.5, 10.8 ~ 13.2	5, 9, 12, 15			1500	19.50 x 7.62 x 5.00	
	DIP24	AM1N-NZ	4.5 ~ 5.5, 10.8 ~ 13.2	5, 9, 12, 15	±5, ±9, ±12, ±15		6000	32.27 x 14.72 x 9.40	RoHS
DIP8	AM1P-NZ	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	5, 9, 12, 15		5/5, 9/9, 12/12, 15/15	1000	11.70 x 9.80 x 7.70	CE, RoHS	
DIP8	AM1P-Z	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24	3.3/3.3, 5/5, 7.2/7.2, 9/9, 12/12, 15/15, 18/18, 24/24	1000, 3000	12.70 x 10.16 x 6.85		
SIP4	AM1S-NZ	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	5, 9, 12, 15			1000, 3000	11.70 x 6.00 x 10.00	CE, RoHS	
SIP4	AM1S-Z	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 7.2, 9, 12, 15, 18, 24			1000, 3000	11.68 x 6.00 x 9.65	CE	
2W	SIP7	AM2D-NZ	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	5, 9, 12, 15	±5, ±9, ±12, ±15		1000, 3000	19.50 x 6.00 x 10.00	CE, RoHS
	SIP7	AM2D-Z	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24	3.3/3.3, 5/5, 7.2/7.2, 9/9, 12/12, 15/15, 18/18, 24/24	1000, 3000, 4000, 5200	19.50 x 6.00 x 10.00	
	SIP8	AM2G-Z	4.5 ~ 9, 9 ~ 18, 18 ~ 36, 36 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1000, 3000	21.85 x 9.20 x 10.60	
	SIP9	AM2GW-Z	9 ~ 36, 18 ~ 75	3.3, 5, 12, 15	±5, ±12, ±15		1500	26.00 x 9.30 x 12.44	CE
	SIP9	AM2GW-NZ	9 ~ 36, 18 ~ 72	3.3, 5, 9, 12, 15	±5, ±9, ±12, ±15		1500	26.00 x 9.50 x 12.50	
	SIP12	AM2F-Z	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 7.2, 9, 12, 15, 18, 24		5/5, 9/9, 12/12, 15/15	1000, 3000, 5200	31.80 x 8.60 x 13.47	
	SMD	AM2L-NZ	4.5 ~ 5.5, 10.8 ~ 13.2	5, 9, 12, 15	±5, ±9, ±12, ±15		1000, 6000	17.78 x 17.78 x 6.00	
	SMD	AM2LV-NZ	9 ~ 18, 18 ~ 36	3.3, 5, 9, 12, 15	±5, ±9, ±12, ±15		1500	23.86 x 15.00 x 8.20	
	DIP24	AM2N-NZ	4.5 ~ 5.5, 10.8 ~ 13.2	5, 9, 12, 15	±5, ±9, ±12, ±15		6000	32.30 x 14.70 x 9.40	RoHS
	SIP4	AM2S-Z	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 7.2, 9, 12, 15, 18, 24			1000, 3000	11.68 x 7.50 x 10.15	CE
3W	SIP12	AM3F-Z	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 7.2, 9, 12, 15, 18, 24			1000, 3000, 5200	31.80 x 8.60 x 13.47	
	SIP8	AM3G-NZ	9 ~ 18, 18 ~ 36	5, 9, 12, 15	±5, ±9, ±12, ±15		1500	22.00 x 9.50 x 12.00	
	SIP8	AM3G-Z	4.5 ~ 9, 9 ~ 18, 18 ~ 36, 36 ~ 72	3.3, 5, 12, 15	±5, ±12, ±15		1600, 3000	21.85 x 9.20 x 10.60	
	SIP9	AM3GW-Z	9 ~ 36, 18 ~ 75	3.3, 5, 12, 15	±5, ±12, ±15		1,500	25.91 x 9.14 x 12.44	CE
	DIP24	AM3N-D-RZ	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1000, 3000, 5200	31.75 x 20.32 x 10.16	
	DIP24	AM3N-SZ	4.5 ~ 5.5, 10.8 ~ 13.2, 21.6 ~ 26.4	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1000, 3000, 5200	31.75 x 20.32 x 10.16	
	DIP24	AM3T-RZ	9 ~ 18, 18 ~ 36, 36 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500	32.25 x 21.35 x 10.50	
	DIP24	AM3T-Z	9 ~ 18, 18 ~ 36, 36 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500, 3500	32.25 x 21.35 x 10.50	CE
	DIP24	AM3TW-RZ	9 ~ 36, 18 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500	32.25 x 21.35 x 10.50	CE
	DIP24	AM3TW-Z	9 ~ 36, 18 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500, 3500	32.25 x 21.35 x 10.50	CE
4W	DIP24	AM4T-Z	9 ~ 18, 18 ~ 36, 36 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500, 3500	32.25 x 21.35 x 10.50	CE
	DIP24	AM4TW-Z	9 ~ 36, 18 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500, 3500	32.25 x 21.35 x 10.50	CE
	DIP24	AM4TW-RZ	9 ~ 36, 18 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500	31.75 x 20.32 x 10.16	CE
5W	DIP24	AM5T-Z	9 ~ 18, 18 ~ 36, 36 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500, 3500	31.75 x 20.32 x 10.16	CE
	DIP24	AM5TW-Z	9 ~ 36, 18 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500, 3500	32.25 x 21.35 x 10.50	CE
	DIP24	AM5TW-RZ	9 ~ 36, 18 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500	31.75 x 20.32 x 10.16	CE
6W	DIP24	AM6T-Z	9 ~ 18, 18 ~ 36, 36 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500, 3500	32.25 x 21.35 x 10.50	CE
	DIP24	AM6TW-Z	9 ~ 36, 18 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500, 3500	32.25 x 21.35 x 10.50	CE
	DIP24	AM6TW-RZ	9 ~ 36, 18 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500	31.75 x 20.32 x 10.16	CE
Upto 7.5W	SIP3	AMSR-78-NZ	4.75 ~ 28, 6.5 ~ 32, 8 ~ 32, 11 ~ 32, 15 ~ 32, 18 ~ 32	3.3, 5, 6.5, 9, 12, 15			Non-Isolated	11.5 x 7.55 x 10.20	
	SIP3	AMSR-78Z	4.75 ~ 30, 4.75 ~ 34, 6.5 ~ 34, 8 ~ 34, 9 ~ 34, 11 ~ 34, 15 ~ 34, 18 ~ 34	1.5, 1.8, 2.5, 3.3, 5, 6.5, 7.2, 9, 12, 15			Non-Isolated	11.68 x 9.65 x 7.50	
	SMD	AMSR-78-NZ	4.5 ~ 28, 6 ~ 28, 14 ~ 28, 17 ~ 28	3.3, 5, 12, 15			Non-Isolated	15.24 x 11.82 x 7.25	
8W	DIP24	AM8T-Z	9 ~ 18, 18 ~ 36, 36 ~ 72	3.3, 5, 12, 15	±5, ±12, ±15		1500	31.75 x 20.32 x 10.16	CE
	DIP24	AM8T-IZ	4.5 ~ 9, 9 ~ 18, 18 ~ 36, 36 ~ 75	3.3, 5, 12, 15	±5, ±12, ±15		1500	31.80 x 20.30 x 10.20	CE
	DIP24	AM8TW-IZ	9 ~ 36, 18 ~ 75	3.3, 5, 12, 15	±5, ±12, ±15		1500	31.80 x 20.30 x 10.20	CE
10W	2" x 1"	AM10E-Z	9 ~ 18, 18 ~ 36, 36 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500	50.80 x 25.40 x 10.16	CE
	2" x 1"	AM10EW-Z	9 ~ 36, 18 ~ 72	3.3, 5, 12, 15	±5, ±12, ±15		1500	50.80 x 25.40 x 10.16	CE, RoHS
	SIP3	AMSR1-78-NZ	4.75 ~ 28, 6.5 ~ 32, 9 ~ 32, 12 ~ 32, 16 ~ 32	3.3, 5, 6.5, 9, 12			Non-Isolated	11.50 x 8.90 x 17.50	
Upto 12W	DIP24	AM12T-Z	9 ~ 18, 18 ~ 36, 36 ~ 75	3.3, 5, 12, 15	±12, ±15		1600	31.75 x 20.32 x 10.16	CE
	DIP24	AM12TW-Z	9 ~ 36, 18 ~ 75	3.3, 5, 1, 12, 15	±5, ±12, ±15		1600	31.75 x 20.32 x 10.16	CE
	2" x 1"	AM15E-Z	9 ~ 18, 18 ~ 36, 36 ~ 72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24		1500	50.80 x 25.40 x 10.16	CE
15W	2" x 1"	AM15E-IZ	9 ~ 18, 18 ~ 36, 36 ~ 75	3.3, 5, 12, 15	±5, ±12, ±15		1500	50.80 x 25.40 x 10.50	CE
	2" x 1"	AM15EW-Z	9 ~ 36, 18 ~ 72	3.3, 5, 12, 15	±5, ±12, ±15		1500	50.80 x 25.40 x 10.16	CE
	2" x 1"	AM15EW-IZ	9 ~ 36, 18 ~ 75	3.3, 5, 12, 15	±5, ±12, ±15		1500	50.80 x 25.40 x 10.20	CE
	2" x 1"	AM20E-Z	9 ~ 18, 18 ~ 36, 36 ~ 75	3.3, 5, 12, 15	±12, ±15		1600	50.80 x 25.40 x 10.16	CE
	2" x 1"	AM20EW-Z	9 ~ 36, 18 ~ 75	3.3, 5, 12, 15	±5, ±12, ±15		1600	50.80 x 25.40 x 10.16	CE
20W	2" x 1.6"	AM30K-IZ	9 ~ 18, 18 ~ 36, 36 ~ 75	3.3, 5, 12, 15	±5, ±12, ±15		1500	50.80 x 40.60 x 10.20	CE
	2" x 1.6"	AM30K-NZ	9 ~ 18, 18 ~ 36, 36 ~ 75	3.3, 5, 12, 15, 24			1500	50.80 x 40.60 x 10.60	CE
	2" x 1.6"	AM30K-Z	9 ~ 18, 18 ~ 36, 36 ~ 75	3.3, 5, 12, 15	±12, ±15		1500	50.80 x 40.60 x 10.20	CE