aimtec
Your Power Partner

Catalogue Overview 25

AC/DC & DC/DC Converters

AC/DC & DC/DC LED Drivers

EMC Filters & AC Adapters

Medical

Industrial

Lighting

Transportation

Renewable Energy

IoT

The Aimtec brand is associated with quality, value and service. Headquartered in Canada with offices in Europe and Asia, Aimtec is actively involved in the research and development of modular switching power supplies. Aimtec's designs assist customers worldwide in reducing engineering design time and expense, while facilitating miniaturization and performance enhancement of their applications.

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DC/DC Converters (isolated)

One of the industry's largest and most complete product offering of 1 to 3 Watt converters just got LARGER!

Over 7700 models overall (4000+ between 1 ~ 3 watt)

Output power: ¼ W ~ 250W (SMD from 1W to 15W)

Input range: Up to 1500VDC (±10%, 2:1, 4:1, up to 10:1)

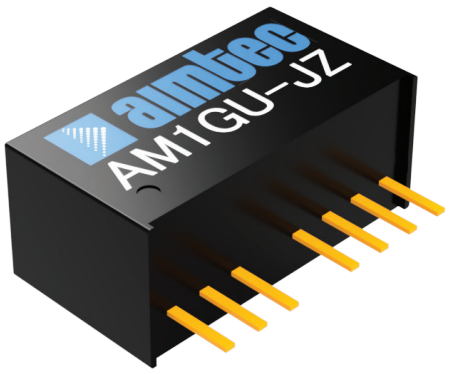
Input / Output isolation: 1000 ~ 6000VDC, up to 5000VAC

Industrial operating temperature range: -40 °C cold start up to 125 °C

Industry standard pin configurations

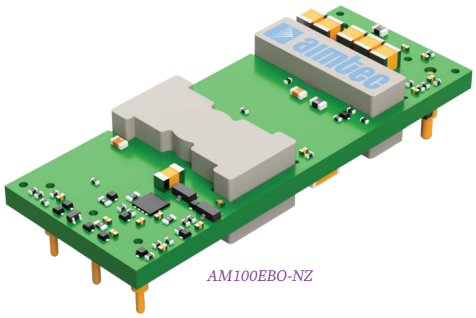
Wide assorted packages: SIP, DIP, SMD, 1x1", 2x1", 2x1.6", 2x2", 1/16th Brick,1/8th Brick, Quarter Brick, Half Brick

DIP8 DC/DC Converter

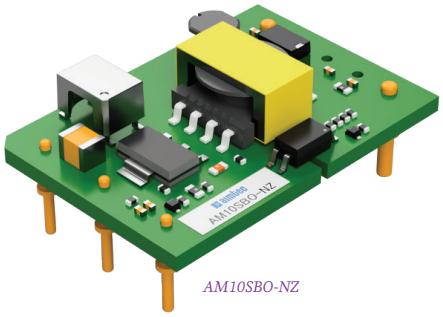


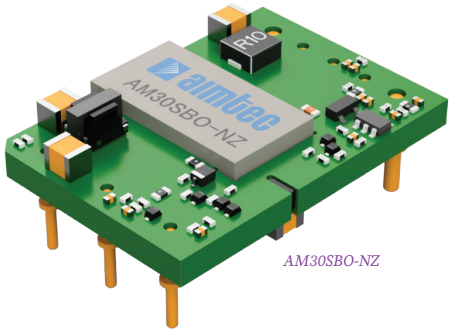
8:1 Input Voltage Range

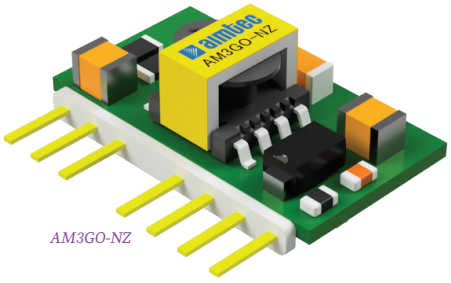
AIMTEC Telecom SERIES


AM100EBO-NZ

SERIES	POWER (W)	INPUT VOLTAGE (VDC)	SINGLE OUTPUT (VDC)	ISOLATION (VDC)	CASE (MM)	OPERATING TEMPERATURE (°C)	SAFETY
90-264VAC Input							
AM3GO-NZ	3	36-75	5, 12, 15, 24	1500	22 x 8.2 x 12.8	-40 to +85	CE
AM6GO-NZ	6	36-75	5, 12, 15, 24	1500	22 x 8.2 x 12.8	-40 to +85	CE
AM10SBO-NZ	10	36-75	5, 12, 15, 24	1500	33 x 22.86 x 11.4	-40 to +85	CE
AM30SBO-NZ	30	36-75	5, 12, 15, 24, 28	1500	33 x 22.86 x 9.18	-40 to +85	CE
AM100EBO-NZ	100	36-75	5, 12, 15, 24, 28	1500	58.42 x 22.86 x 9.69	-40 to +100	CE


AM10SBO-NZ


AM30SBO-NZ


AM3GO-NZ

High Efficiency, Low Height Profiles, New Tech

DC/DC converters

AM1/4S-Z SIP4

1/4 Watt

SERIES	INPUT (VDC)	SINGLE OUTPUT (VDC)	DUAL OUTPUT (VDC)	DUAL SEPARATED OUTPUT (VDC)	ISOLATION (VDC)	CASE	SAFETY
AM1/4S-Z	5, 12, 15, 24, 48	3.3, 5, 7.2, 9, 12, 15, 18, 24	--	--	1K, 3K	SIP4	CE
AM1/4SS-NZ	3, 5, 12, 15, 24	3.3, 5, 9, 12	--	--	1.5K	SIP4	--

AM1A-Z SIP6

1/2 Watt

AM1/2S-Z	3, 5, 12, 15, 24, 48	3.3, 5, 7.2, 9, 12, 15, 18, 24	--	--	1.5K	SIP4	--

1 Watt

AM1G-Z SIP8

AM1LS-NZ SMD

AM1PS-Z DIP8

AM1SS-JZ SIP4

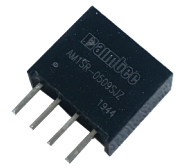
AM1A-Z	4.5-9, 9-18, 18-36, 36-75	5, 12, 15, 24	±12, ±15	--	1.5K	SIP6	CE
AM1D-Z	3.3, 5, 12, 15, 24, 48	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24	3.3/3.3, 5/5, 7.2/7.2, 9/9, 12/12, 15/15, 18/18, 24/24	1K,3K,4K, 5.2K, 6K	SIP7	CE, UL
AM1D-RZ	5, 12, 15, 24, 48	5, 9, 12, 15	±5, ±9, ±12, ±15	--	1K, 3K	SIP7	CE
AM1D-NZ	5, 12, 24	5, 9, 12, 15	±5, ±9, ±12, ±15	--	1K, 3K, 6K	SIP7	CE, UL
AM1DC-Z	5, 9, 12, 15, 24	3.3, 5, 9, 12, 15	±3.3, ±5, ±9, ±12, ±15, +15/-9	--	6K	SIP7	CE
AM1DG-NZ	15	9	--	--	3K VAC	SIP7	CE, UL
AM1DM-NZ	3.3, 5, 12, 24	3.3, 5, 12, 15	±5, ±9, ±12, ±15	--	6K	SIP7	
AM1DR-Z	5, 12, 24	3.3, 5, 7.2, 9, 12, 15	--	--	1K, 3K	SIP7	CE
AM1DR-RZ	5, 12, 24	3.3, 5, 7.2, 9, 12, 15	--	--	1K	SIP7	CE
AM1DR-NZ	5, 12, 24	5, 12, 15, 24	--	--	1K, 3K	SIP7	--
AM1DR-JZ	5, 12, 24	3.3, 5, 12, 15, 24	--	--	1.5k, 3k	SIP7	CE
AM1DS-Z	5, 12, 24	5, 7.2, 9, 12, 15, 18, 24	±5, ±7.2, ±9, ±12, ±15	--	1K,3K,4K, 5.2K, 6K	SIP7	--
AM1DS-NZ	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	±5,±9, ±12, ±15, ±24	--	1.5K, 3K	SIP7	CE, UL
AM1DS-JZ	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	±5,±9, ±12, ±15, ±24	--	1.5K, 3K	SIP7	CE, UL
AM1DU-Z	4.5-9, 9-18, 18-36	5, 12	--	--	1.5K, 3K	SIP7	--
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	--	1K, 3K	SIP8	CE
AM1G-NZ	4.5-9, 9-18, 18-36, 36-75	3.3, 5, 9, 12, 15, 24	±5, ±9, ±12, ±15	--	1.5K, 3K	SIP8	--

1 Watt (con't)

SERIES	INPUT (VDC)	SINGLE OUTPUT (VDC)	DUAL OUTPUT (VDC)	DUAL SEPARATED OUTPUT (VDC)	ISOLATION (VDC)	CASE	SAFETY
AM1GU-JZ	4.5-36	5, 9, 12, 15	±5, ±12, ±15		3K	SIP8	CE
AM1L-NZ	3.3, 5, 12, 24	3.3, 5, 9, 12, 15, 24	±5,±9, ±12, ±15	5/5, 12/12, 15/15	1K, 3K	SMD	CE, UL
AM1LE-NZ	5	5	--	--	3.5K	SMD	--
AM1LO	3, 5	3.3, 5	±3.3, ±5	--	4.2K	SMD	--
AM1LR-JZ	5	3.3, 5, 12, 15	--	--	3K	SMD	--
AM1LS-N(J)Z	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	±5,±9, ±12, ±15, ±24	--	1.5K, 3K	SMD	--
AM1LS-JZ	5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	±5,±9, ±12, ±15, ±24	--	1.5K, 3K	SMD	CE
AM1LS-VZ	5	3.3, 5, 9, 12, 15, 24	±3.3, ±5,±9, ±12, ±15, ±24	--	1.5K, 3K	SMD	--
AM1LS-XZ	5	5	--	--	1.5K	SMD	CE
AM1LT-NZ	5, 12	5, 12, 15	--	--	1.5K, 3K	SMD	--
AM1M-NZ	3.3, 5, 12, 15, 24	3.3, 5, 12, 15	±5,±9, ±12, ±15, ±24		1.5K, 3K	DIP14	--
AM1MR-Z	5, 12, 24	3.3, 5, 7.2, 9, 12, 15	--	--	1K	DIP14	CE
AM1P-Z	3.3, 5, 12, 24, 48	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	1K, 3K	DIP8	CE
AM1PS-Z	5	3.3, 5, 9, 12, 15, 24	--	--	3K	DIP8	--
AM1PS-NZ	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	--	--	1.5K	DIP8	CE, UL
AM1PS-JZ	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	--	--	1.5K	DIP8	CE, UL
AM1S-Z	3.3, 5, 12, 24, 48	3.3, 5, 7.2, 9, 12, 15, 18, 24	--	--	1K, 3K	SIP4	CE
AM1SS-Z	5, 12, 24	5, 12, 15	--	--	1K, 3K	SIP4	--
AM1SS-NZ	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	--	--	1.5K	SIP4	CE, UL
AM1SR-JZ	5, 12, 24	3.3, 5, 9, 12, 15	--	--	1.5K	SIP4	CE

AM1N-NZ DIP24

AM2B-NZ DIP16


AM1SR-JZ SIP4

AM1LS-VZ SMD

IoT: one of Aimtec's target applications

2 Watt

AM2LV-NZ SMD

AM2N-NZ DIP24

AM2DM-NZ SIP7

AM2D-RZ SIP7

SERIES	INPUT (VDC)	SINGLE OUTPUT (VDC)	DUAL OUTPUT (VDC)	DUAL SEPARATED OUTPUT (VDC)	ISOLATION (VDC)	CASE	SAFETY
AM2D-Z	5, 12, 24, 48	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	1K, 3K, 4K, 5.2K, 6K	SIP7	CE
AM2D-RZ	5, 12, 15, 24, 48	5, 9, 12, 15	±5,±9, ±12, ±15	--	1K, 3K	SIP7	CE
AM2DM-NZ	5, 12, 24	5, 12, 15	±5, ±9, ±12, ±15	--	6K	SIP7	--
AM2DG-NZ	9 - 15, 12, 15, 24	15, 17	-8.7, -8	--	3K	SIP7	CE, UL
AM2DS-Z	5, 12, 15, 24	3.3, 5, 9, 12, 15	±5,±9, ±12, ±15, +15/-9	--	5.2K	SIP7	--
AM2DS-NZ	5, 12, 15, 24	3.3, 5 , 9, 12, 15, 24	±3.3, ±5, ±9, ±12, ±15, ±24	--	1.5K, 3K	SIP7	CE, UL
AM2DS-JZ	12, 24	5 , 12, 15, 24	±3.3, ±5, ±12, ±15	--	1.5K, 3K	SIP7	CE, UL
AM2F-Z	5, 12, 24	3.3, 5, 7.2, 9, 12, 15, 18, 24	--	--	1K,3K,5.2K	SIP12	--
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	--	1K, 3K	SIP8	CE
AM2GH-Z	4.5-18, 9-36, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	--	1.6K	SIP8	CE
AM2GW-Z	9-36, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	--	1.5K	SIP9	CE
AM2LS-NZ	5, 12, 15, 24	3.3, 5 , 9, 12, 15, 24	--	--	1.5K, 3K	SMD	--
AM2LS-JZ	12, 24	5, 12, 15, 24	--	--	1.5K, 3K	SMD	--
AM2M-NZ	3.3, 5, 9, 12, 15, 24	3.3, 5, 9, 12, 15, 24	±5,±9, ±12, ±15, ±24	--	3K	DIP14	CE
AM2M-JZ	12, 24	--	±3.3, ±5, ±12, ±15	--	1.5K, 3K	DIP14	--
AM2S-Z	5, 12, 24, 48	3.3, 5, 7.2, 9, 12, 15, 18, 24	--	--	1K, 3K	SIP4	CE
AM2LO-Z	3, 5	3.3, 5	-5, -3.3	--	4.2K	SMD	CE
AM2LOW-Z	4.5-18, 9-36	5, 12, 15	±12, ±15	--	3K	SMD	CE

3 Watt

SERIES	INPUT (VDC)	SINGLE OUTPUT (VDC)	DUAL OUTPUT (VDC)	ISOLATION (VDC)	CASE	SAFETY
AM3D-Z	5, 12	5, 9, 12, 15	±5,±9, ±12, ±15	1K, 3K	SIP7	CE
AM3A-Z	12, 24, 48	3.3, 5, 12, 15	±5, ±12	1.6k	SIP6	--
AM3DG-NZ	12, 15, 24	15, 20	-8, -4	3KVAC, 3.5KVAC	SIP7	--
AM3F-Z	5, 12, 24	3.3, 5, 7.2, 9, 12, 15, 18, 24	--	1K, 3K, 5.2K	SIP12	--
AM3G-NZ	4.5-9, 9-18, 18-36, 36-75	3.3, 5 , 9, 12, 15, 24	±5,±9, ±12, ±15	1.5K, 3K	SIP8	--
AM3G-Z	4.5-9, 9-18, 18-36, 36-72	3.3, 5, 12, 15	±5, ±12, ±15	1.6K, 3K	SIP8	CE
AM3GH-Z	4.5-18, 9-36, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	1.6K	SIP8	CE
AM3GW-Z	9-36, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	1.5K	SIP9	CE
AM3GU-JZ	4.5-36	5, 12, 15	±5, ±12, ±15	3K	SIP8	CE
AM3HW-NZ	9-36, 18-75	5, 12, 15, 24	--	1.5K	SMD	--
AM3N-D-RZ	5, 12, 24	--	±3.3, ±5, ±7.2, ±9, ±12, ±15, ±18, ±24	1K, 3K, 5.2K	DIP24	CE
AM3N-Z	5, 12, 24	3.3, 5, 7.2, 9, 12, 15, 18, 24	--	1K, 3K, 5.2K	DIP24	CE
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	1.5K, 3.5K	DIP24	--
AM3T-NZ	4.5-9, 9-18, 18-36, 36-75	3.3, 5, 12, 15, 24	±5, ±9, ±12, ±15	1.5K	DIP24	CE, UL
AM3T-PNZ	4.5-9, 9-18, 18-36, 36-75	3.3, 5, 9, 12, 15, 24	±5, ±9, ±12, ±15	1.5K, 3K	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	1.5K	DIP24	CE
AM3T-VZ	4.5-9, 9-18, 18-36, 36-72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±5, ±7.2, ±9, ±12, ±15, ±18, ±24	1.5K, 3.5K	DIP24	--
AM3T-RVZ	4.5-9, 9-18, 18-36, 36-72	3.3, 5, 7.2, 9, 12, 15, 18, 24	±5, ±7.2, ±9, ±12, ±15, ±18, ±24	1.5K	DIP24	--
AM3TI-RZ	9-18, 18-36, 36-75	3.3, 5, 12, 15, 24	±3.3, ±5, ±12, ±15, ±24	1.5K, 3K	DIP24	CE, UL
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	1.5K, 3.5K	DIP24	--
AM3TW-NZ	9-36, 18-75	3.3, 5, 9, 12, 15, 24	--	1.5k	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	1.5K	DIP24	CE
AM3TW-VZ	9-36, 18-72	5, 9, 12, 15, 24	±5, ±9, ±12, ±15, ±24	1.5K, 3.5K	DIP24	--
AM3TIW-RZ	9-36, 18-75	3.3, 5, 12, 15, 24	±3.3, ±5, ±12, ±15, ±24	1.5K, 3K	DIP24	CE, UL
AM3IW-NZ	18-75	--	5/5, 5/12, 5/24	3K	SIP10	CE
AM3O-NZ	4.5-9, 9-36	3.3, 5, 12, 15, 24	--	1.5K	Open Frame	CE
AM3PW-Z	4.5-18, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	1.6K	DIP8	CE
NEW AM3GO-NZ	36-75	5, 12, 15, 24	--	1.5K	22 x 8.2 x 12.8	CE
AM3S-Z	5, 12, 24	5, 9, 12, 15	--	3K	SIP4	CE

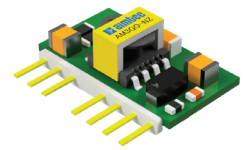
AM3A-Z SIP6

AM3F SIP12

AM3G-Z SIP8

AM3Q-Z 1.7" x 1.1"

AM3N-Z DIP24


AM3GO-NZ SIP8

4 Watt

SERIES	INPUT (VDC)	SINGLE OUTPUT (VDC)	DUAL OUTPUT (VDC)	ISOLATION (VDC)	CASE	SAFETY
AM4N-Z	5, 12	3.3, 5, 12, 15	--	5K VAC	DIP24	CE
AM4T-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	1.5K, 3.5K	DIP24	CE
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	1.5K, 3.5K	DIP24	CE
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	1.5K	DIP24	CE
AM4TW-VZ	9-36, 18-72	3.3, 5, 12, 15	±5, ±12, ±15	1.5K, 3.5K	DIP24	CE
AM4TW-RVZ	9-36, 18-72	3.3, 5, 12, 15	±5, ±12, ±15	1.5K	DIP24	CE

AM4TW-RZ DIP24

5 Watt

AM5T-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	1.5K, 3.5K	DIP24	CE
AM5T-VZ	9-18, 18-36, 36-72	5, 9, 12, 15, 24	±5, ±9, ±12, ±15, ±24	1.5K, 3.5K	DIP24	--
AM5TG-NZ	7-18, 18-36	15	-9	3k	DIP24	--
AM5NG-NZ	13.5-16.5	--	15 / -9	--	DIP24	CE
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	1.5K, 3.5K	DIP24	CE
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	1.5K	DIP24	CE
AM5TW-VZ	9-36, 18-72	3.3, 5, 12, 15	±5, ±12, ±15	1.5K, 3.5K	DIP24	--
AM5TW-RVZ	9-36, 18-72	3.3, 5, 12, 15	±5, ±12, ±15	1.5K	DIP24	--
AM5W-NZ	100-1000	5	--	4K VAC	2.76X 1.89"	--

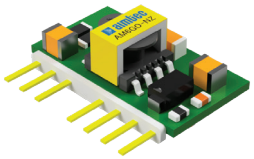
AM5TW-Z DIP24

AM5W-NZ

6 Watt

AM6C-NZ	9-18, 18-36, 36-75	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	1.5K	1 x 1"	--
AM6CW-NZ	9-36, 18-75, 40-160	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15, ±24	1.5K	1 x 1"	--
AM6G-Z	4.5-9, 9-18, 18-36, 36-75	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15	1.5K, 3K	SIP8	CE
AM6G-NZ	9-18, 18-36	3.3, 5, 9, 12, 15, 24	--	1.5K	SIP8	CE
AM6GH-Z	9-36, 18-75	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15	1.5K, 3K	SIP8	CE
AM6GH-NZ	9-36	3.3, 5, 9, 12, 15, 24	--	1.5K	SIP8	CE
AM6T-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	1.5K, 3.5K	DIP24	CE
AM6T-VZ	9-18, 18-36, 36-72	5, 9, 12, 15, 24	±5, ±9, ±12, ±15, ±24	1.5K, 3.5K	DIP24	--
AM6TI-Z	9-18, 18-36, 36-75	3.3, 5, 12, 15, 24	±3.3, ±5, ±12, ±15, ±24	1.5K, 3K	DIP24	CE, UL
AM6T-NZ	9-18, 18-36, 36-75	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15	1.5K, 3K	DIP24	CE
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	1.5K, 3.5K	DIP24	CE
NEW AM6GO-NZ	36-75	5, 9, 12, 15, 24	--	1.5k	22 x 8.2 x 12.8	CE

AM6G-Z SIP8


AM6GO-NZ SIP8

6 Watt (con't)

SERIES	INPUT (VDC)	SINGLE OUTPUT (VDC)	DUAL OUTPUT (VDC)	ISOLATION (VDC)	SAFETY	
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	1.5K	DIP24	CE
AM6TW-RVZ	9-36, 18-72	12, 15	±12, ±15	1.5K	DIP24	--
AM6TIW-RZ	9-36, 18-75	3.3, 5, 12, 15, 24	±3.3, ±5, ±12, ±15, ±24	1.5K, 3K	DIP24	CE, UL
AM6TW-NZ	9-36, 18-75	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15	1.5K, 3K, 6K	DIP24	--
AM6O-NZ	9-18, 18-36	3.3, 5, 12, 15	--	0.5K VAC	1.24X0.71"	

AM8TW-Z DIP24

8 Watt

AM8T-Z	9-18, 18-36, 36-72	3.3, 5, 12, 15	±5, ±12, ±15	1.5K	DIP24	CE
AM8TW-Z	9-36, 13-70, 18-75, 42-176	3.3, 5, 12, 15	±5, ±12, ±15	1.6K, 3K	DIP24	CE

AM10E-Z 2"x 1"

9 Watt

AM9GH-Z	9-36, 18-75	3.3, 5, 9,12, 15, 24	±5, ±12, ±15	1.6K	SIP8	--
AM9G-Z	9-18, 18-36, 36-75	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15	1.6K	SIP8	--

10 Watt

AM10C-NZ	18-36	5, 12, 15, 24	--	1.5k	1 X 1"	--
AM10CW-NZ	9-36, 18-75	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	1.5K	1 x 1"	--
AM10CW-VZ	18-75	--	5/5, 5/12, 5/24	1.5K	1 x 1"	CE
AM10T-Z	9-18, 18-36, 36-75	2.5, 3.3, 5, 12, 15	±12, ±15	1.5k	DIP24	CE,UL
AM10T-NZ	9-18, 18-36, 36-75	12, 15, 24	±5, ±12, ±15	1.5k	DIP24	CE
AM10TW-Z	9-36, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	1.6K	DIP24	CE
AM10TW-NZ	9-36, 18-75	3.3, 5, 12, 15, 24	±5, ±12, ±15	1.5K	DIP24	CE
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	1.5K	2 X 1"	CE
AM10G-NZ	9-18, 18-36	3.3, 5, 12, 15, 24	--	1.5K	SIP8	CE
AM10GH-NZ	9-36	3.3, 5, 12, 15, 24	--	1.5K	SIP8	CE
AM10W-NZ	100-1000, 200-1500	5, 9, 24	--	4K VAC	2.76 x 1.89",4.92 x 2.95"	CSA, UL
AM10WM-NZ	200-1500	5	--	4KVAC	4.3 x 2.3"	--
AM10TWM-YZ	9-36, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	5KVAC	DIP24	--
NEW AM10SBO-NZ	36-75	5, 12, 15, 24	--	1.5K	33 x 22.86 x 11.4	--

AM12T-Z DIP24

AM6O-NZ
Open Frame

12 Watt

AM12T-Z	9-18, 18-36, 36-75	2.5, 3.3, 5, 12, 15	±12, ±15	1.6K	DIP24	CE
AM12TW-Z	9-36, 18-75	3.3, 5.1, 12, 15	±5, ±12, ±15	1.6K	DIP24	CE

15 Watt

AM15TW-Z DIP24

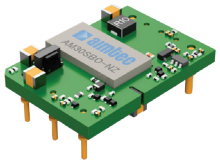
SERIES	INPUT (VDC)	SINGLE OUTPUT (VDC)	DUAL OUTPUT (VDC)	DUAL SEPA-RATED OUTPUT (VDC)	ISOLATION (VDC)	CASE	SAFETY
AM15C-Z	9-18, 18-36, 36-75	3.3, 5, 12, 15	±5, ±12, ±15	--	1.6K	1 X 1"	CE
AM15CW-Z	9-36, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	--	1.6K	1 X 1"	CE
AM15C-NZ	9-18, 18-36, 36-75	3.3, 5, 12, 15, 24	--	--	1.5K	1 X 1"	CE
AM15CW-NZ	9-36, 18-75	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	--	1.5K	1 X 1"	CE
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	--	1.5K	2 X 1"	CE
AM15E-NZ	18-36, 36-75	5, 12, 15, 24	--	--	1.5K	2 X 1"	CE
AM15OW-NZ	9-36, 18-75	3.3, 5, 12, 15	--	--	1.5K	1.52 X 1.07"	CE
AM15EW-Z	9-36, 18-72	3.3, 5, 12, 15	±5, ±12, ±15	--	1.5K, 3K	2 X 1"	CE
AM15EW-NZ	9-36, 18-75, 40-160	3.3, 5, 12, 15, 24	--	--	1.5K, 2.25k	2 X 1"	--
AM15JW-Z	9-36, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	--	3k	1.6 X 1"	--
AM15W-NZ	100-1000, 200-1500	12, 15, 24	--	--	4K VAC	2.76X1.89", 4.92 X 2.95"	CSA, UL
AM15WM-NZ	200-1500	12, 15, 24	--	--	4KVAC	4.3 X 2.3"	--
AM15T-Z	9-18, 18-36, 36-75	3.3, 5.1, 12, 15	±5, ±12, ±15	--	1.6K	DIP24	CE
AM15TW-Z	9-36, 18-75	3.3, 5.1, 12, 15	±5, ±12, ±15	--	1.6K	DIP24	CE

20-25 Watt

AM20C-Z 1"x 1"

AM20C-Z	9-18, 18-36, 36-75	3.3, 5, 12, 15	±12, ±15	--	1.6K	1 X 1"	CE
AM20CW-Z	9-36, 18-75	3.3, 5, 12, 15	±12, ±15	--	1.6K	1 X 1"	CE
AM20CW-NZ	9-36, 18-75	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	--	1.5K	1 X 1"	CE
AM20E-NZ	18-36, 36-75	3.3, 5, 12, 15	±5, ±9, ±12, ±15	--	1.5k	2 X 1"	CE
AM20E-Z	9-18, 18-36, 36-75	3.3, 5, 12, 15	±12, ±15	--	1.6K	2 X 1"	CE
AM20EW-Z	9-36, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	--	1.6K	2 X 1"	CE
AM20EW-NZ	9-36, 18-75, 40-160	3.3, 5, 9, 12, 15, 24	±5, ±9, ±12, ±15	--	1.5K, 2.25k, 3k	2 X 1"	CE
AM20EW-VZ	18-75	--	--	5/5, 5/12, 5/24	3k	2 X 1"	--
AM20EWM-NZ	9-36, 18-75	3.3, 5, 12, 15, 24	--	--	5K	2 X 1"	CE
AM20JW-Z	9-36, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	--	3K	1.6 X 1"	--
AM20CWR-ZK	13-70/42-176	3.3, 5, 12, 15	--	--	3K	1 X 1"	--
AM25EUW-ZK	16-160	5, 12, 15, 24	--	--	3K	2 X 1"	--

30 Watt



AM30SBO-NZ

AM30C-Z	9-18, 18-36, 36-75	3.3, 5, 12, 15	±12, ±15	--	1.6K	1 X 1"	--
AM30CW-Z	9-36, 18-75	3.3, 5, 12, 15	±12, ±15	--	1.6K	1 X 1"	--
AM30E-Z	9-18, 18-36, 36-75	3.3, 5, 5.1, 12, 15	±5, ±12, ±15	--	1.6K	2 X 1"	CE
AM30CW-NZ	18-75	5, 12, 15, 24	--	--	1.5K	1 X 1"	CE
AM30EW-Z	9-36, 18-75	3.3, 5, 5.1, 12, 15	±5, ±12, ±15	3.3/±12, 3.3/±15, 5/±12, 5/±15	1.6K	2 X 1"	CE
AM30EW-NZ	9-36, 18-75	3.3, 5, 9, 12, 15, 24	--	--	1.5K	2 X 1"	--
AM30K-Z	9-18, 18-36, 36-75	3.3, 5, 12, 15	±12, ±15	--	1.5K	2 X 1.6"	CE
AM30OW-VZ	18-75	--	--	5/24	3K	2.76 x 1.89"	CE
NEW AM30SBO-NZ	30	36-75	5, 12, 15, 24, 28	1500	33 x 22.86 x 9.18	-40 to +85	CE

40 Watt

AM40E-Z	9-18, 18-36, 36-75	3.3, 5, 12, 15	±12, ±15	--	1.6K	2 X 1”	CE
AM40EW-NZ	40-160	3.3, 5, 12, 15, 24	--	--	3K	2 X 1”	--
AM40UW-Z	9-36, 18-75	3.3, 5, 12, 15	±12, ±15	--	1.6K	2 X 2”	CE
AM40W-NZ	200-1200, 200-1500	12, 15, 24	--	--	4K, 4K VAC	3.5 x 2.5", 4.92 x 2.95"	CSA,UL

45 Watt

AM45W-NST	150-1500	--	--	15/15	4KVAC	Enclosed	

50 Watt

AM50E-Z	9-18, 18-36, 36-75	3.3, 5, 12, 15	--	--	1.6K	2 X 1”	--
AM50QB-JZ	43-160	3.3, 5, 12, 15, 24, 48	--	--	3K	Quarter Brick	CE
AM50W-NZ	80-750	12,24	--	--	4K	2.3 x 4.29 x 1.18	CE

60 Watt

AM60EW-Z	9-36, 18-75	5, 12, 15	--	--	1.6K	2 X 1"	--
AM60U-Z	18-36, 36-75	3.3, 5, 12, 15	--	--	1.6K	2 X 2”	CE

75 Watt

AM75QB-JZ	43-160	3.3, 5, 12, 15, 24, 48	--	--	3K	Quarter Brick	CE

100 Watt

NEW AM100EBO-NZ	36-75	5, 12, 15, 24, 28	--	--	1.5K	1/8th Brick	CE
AM100QB-JZ	43-160	3.3, 5, 12, 15, 24, 48	--	--	3K	Quarter Brick	CE

150 Watt

AM150HB-JZ	43-66, 66-160	5, 12, 15, 24, 48	--	--	3K	Half Brick	CE
AM150QB-NZ	18-75	5, 12, 15, 24, 48	--	--	3K	Quarter Brick	--

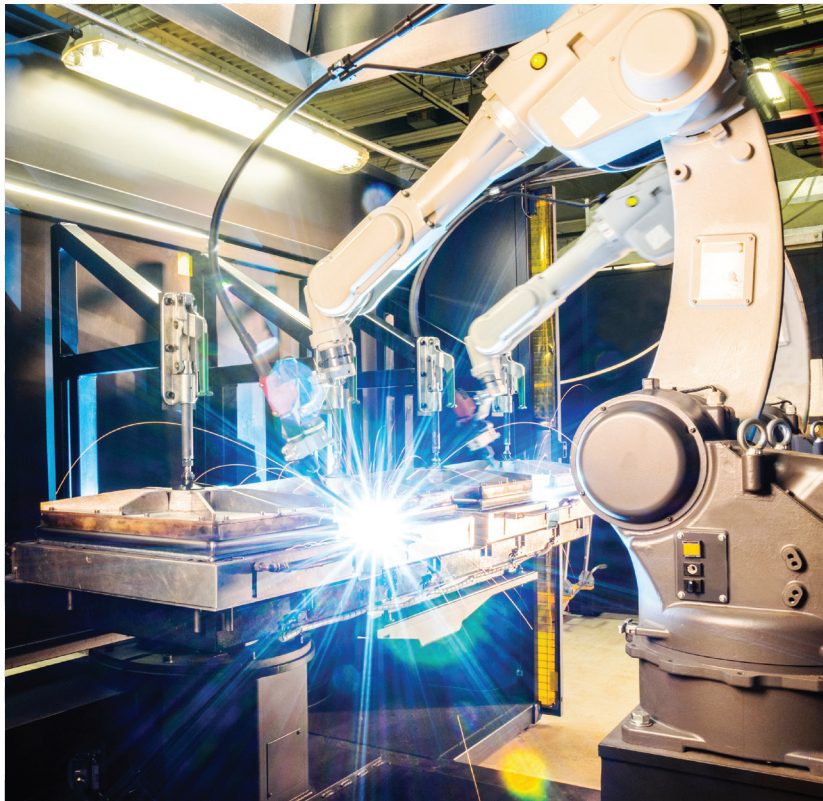
200 Watt

AM200QB-NZ	18-75	5, 12, 15, 24, 48	--	--	3K	Quarter Brick	--

250 Watt

AM250HB-JZ	40-66, 66-160	5, 12, 15, 24, 48, 54	--	--	3K	Quarter Brick	CE
AM250ST-NZ	43-66, 66-160, 43-160	5, 12, 15, 24, 48, 54			3K	Enclosed	CE

Switching Regulators (non-isolated)

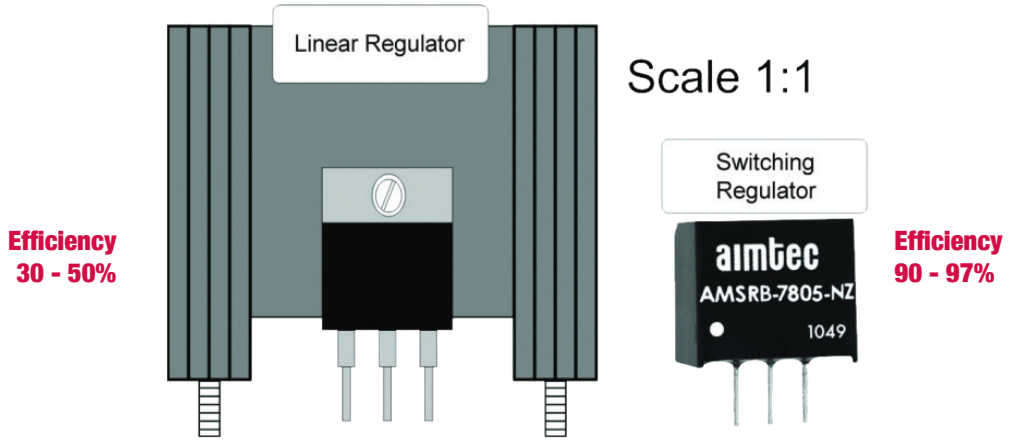


SWITCHING REGULATORS ARE REPLACING LINEAR REGULATORS

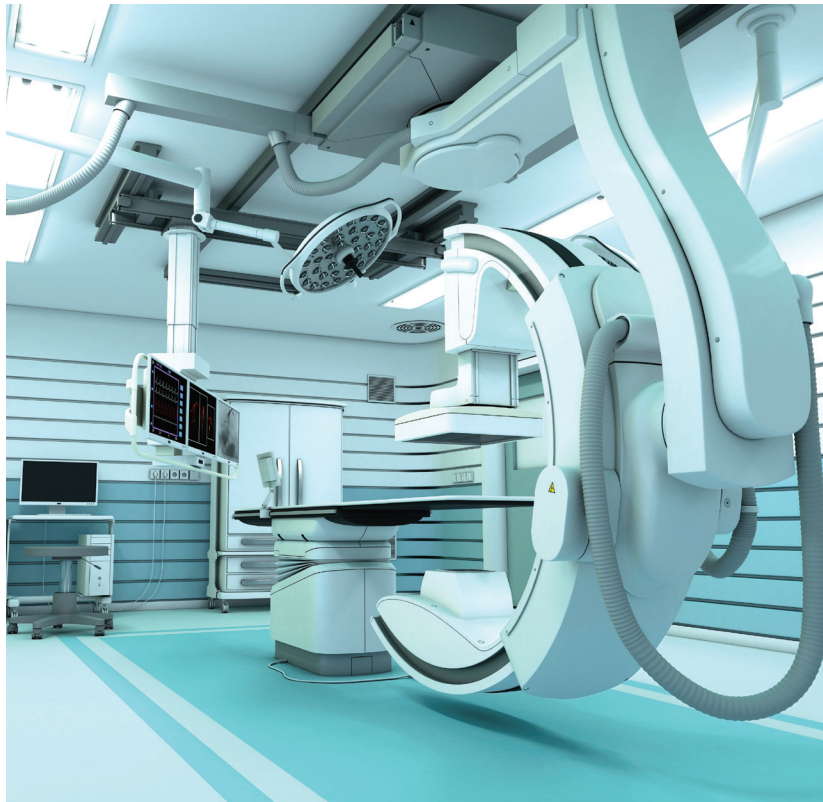
High Efficiency: up to 97% versus 50% for linear regulators
NO heat sink required: Saves PCB real-estate
NO forced air cooling required: Eliminates need for heat sink

0.75 to 240 Watt Non-Isolated Switching Regulator

POWER (W)	SERIES	INPUT (VDC)	SINGLE OUTPUT (VDC)	OUTPUT CURRENT MAX (A)	CASE	SAFETY
1.65 ~ 7.5	AMSRD-NZ	4.5 ~ 36	±3.3, ±5, ±6.5, ±9, ±12, ±15	-0.3 ~ 0.5	DFN	CE
0.75 ~ 7.5	AMSR-78-Z	4.75 ~ 34	1.5, 1.8, 2.5, 3.3, 5, 6.5, 7.2, 9, 12, 15	0.5	SIP3	CE
1.65 ~ 7.5	AMSRB-78-Z	4.5 ~ 28	3.3, 5, 12, 15	0.5	SIP3	CE
5	AMSRB1-78Z	7 ~ 28	3.3, 5	1	SIP3	--
1.65 ~ 7.5	AMSR-78-NZ	4.75 ~ 32	3.3, 5, 6.5, 9, 12, 15	0.5	SIP3	--
15	AMSRI1-78-NZ	6 ~ 36	3.3, 5, 9, 12, 15	1	SIP3	CE, UL
1.65 ~7.5	AMSRO-78-NZ	4.75 ~ 36	3.3, 5, 12, 15	0.5	SIP3	CE, UL
1.65 ~7.5	AMSROL-78NZ	4.75 ~ 36	3.3, 5, 9, 12, 15	0.5	SMD	--
3.3 ~15	AMSRO1-78-NZ	6 ~ 36	3.3, 5, 12, 15	1	SIP3	CE, UL
1.65 ~ 7.5	AMSRW-78Z	9 ~ 72	3.3, 5, 6.5, 7.2, 9, 12, 15	0.5	SIP3	CE
3.3 ~ 12	AMSR1-78-NZ	4.75 ~ 32	3.3, 5, 6.5, 9, 12	1	SIP3 (VERTICAL & HORIZONTAL)	--
1.5 ~ 5	AMSR1-78Z	4.75 ~ 18	1.5, 1.8, 2.5, 3.3, 5	1	SIP3	CE
1.2 ~ 15	AMSRL-Z	9~72	3.3,5,6.5,7.2,9,12, 15	0.5	SMD	CE
1.2 ~ 15	AMSRL1-Z	3 ~ 36	1.2,1.5,1.8,2.5,3.3,5,6.5,9,12,15	1	SMD	CE
1.5 ~ 12	AMSRL1-78JZ	4.75 ~ 36	1.5, 1.8, 2.5, 3.3, 5, 6.5, 9, 12	1	SMD	--
5 ~ 13	AMSR2-78-NZ	4.75 ~ 18	2.5, 3.3, 5, 6.5	2	SIP3 (VERTICAL & HORIZONTAL)	--
6.6 ~ 30	AMSR2-78JZ	6 ~ 36	3.3,5,9,12,15	2	SIP3	CE
9.9 ~ 45	AMSR3-NZ	8 ~ 36	3.3, 5, 6.5, 9, 12, 15	3	SIP12	CE
4.5 ~ 30	AMSRL6-NZ	8 ~ 14	0.75-5	6	SMD	--
120~240	AMSROL10-NZ	16~75, 30~75	12, 24	10	SMD Open Frame	CE
7.5 ~ 50	AMSRL10-NZ	8 ~ 14	0.75-5	10	SMD	--
12 ~ 80	AMSRL16-NZ	8 ~ 14	0.75-5	16	SMD	--



AC/DC Converters (isolated)



The AME10/20-BJZ AC/DC series are two new high-power converters that boast an ultra-wide 90-528VAC input voltage range.

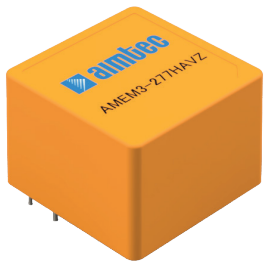
AME10/20-BJZ Series work great for 3 phase applications.

Wide operating temperatures: -40 °C to 85 °C

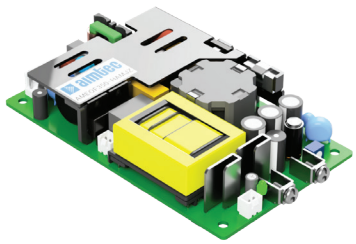
High power density: 5 Watt, 10 Watt and 20 Watt with the same small footprint

Low EMI: suitable for very sensitive telecom applications

High I/O Isolation: up to 4000VAC



AMEM3-277HAVZ



AMEOF350-HAMJZ 350W mdeical AC/DC Converter

AMES150-NZ

HIGH POWER

AIMTEC EAGLE SERIES

AMESP320-NZ

AMESP75-NZ

SERIES	POWER (W)	SINGLE OUTPUT (VDC)	DUAL & TRIPLE OUTPUT (VDC)	ISOLATION (VAC)	CASE (MM)	OPERATING TEMPERATURE (ºC)	SAFETY
90-264VAC Input							
AMES35-NZ	*35*	*5, 12, 15, 24*	*5/12, 5/24 +5/+12/-12 +5/+15/-15 +5/+24/+12*	*4000*	*99 x 82 x 30*	*-30 to +70*	*CE*
AMES50-NZ	*50*	*3.3, 5, 12, 15, 24, 48*	*--5/12, 5/24 +5/+12/-12 +5/+15/-15 +5/+24/+12*	*4000*	*99 x 82 x 30*	*-30 to +70*	*CE*
AMES150-NZ	*100*	*12, 15, 24, 36, 48*	*--*	*4000*	*159 x 97 x 30*	*-30 to +70*	*CE*
AMES200-NZ	*200*	*5, 12, 15, 24, 36, 48*	*--*	*4000*	*179 x 99 x 30*	*-30 to +70*	*CE*
AMES350-NZ	*350*	*5, 12, 15, 24, 36, 48*	*--*	*4000*	*215 x 115 x 30*	*-30 to +70*	*CE*
85-305VAC Input							
AMES15-277NZ	*15*	*3.3, 5, 12, 15, 24, 48*	*--*	*4000*	*65 x 55 x 25*	*-30 to +70*	*CE*
AMES25-277NZ	*25*	*3.3, 5, 12, 15, 24, 48*	*--*	*4000*	*80 x 55 x 25*	*-30 to +70*	*CE*
AMES35-277NZ	*35*	*12, 15, 24, 48*	*--*	*4000*	*99 x 82 x 30*	*-30 to +70*	*CE*
AMES50-277NZ	*50*	*5, 12, 15, 24, 48*	*--*	*4000*	*99 x 82 x 30*	*-30 to +70*	*CE*
AMES75-277NZ	*75*	*5, 12, 15, 24, 48*	*--*	*4000*	*99 x 97 x 30*	*-30 to +70*	*CE*
AMES100-277NZ	*100*	*5, 12, 15, 24, 48*	*--*	*4000*	*129 x 97 x 30*	*-30 to +70*	*CE*
AMES150-277NZ	*150*	*12, 15, 24, 48*	*--*	*4000*	*159 x 97 x 30*	*-30 to +70*	*CE*
Power Factor Correction							
AMESP75-NZ	*75*	*5, 12, 15, 24, 48*	*--*	*4000*	*159 x 97 x 30*	*-30 to +70*	*CE*
AMESP100-NZ	*100*	*12, 15, 24, 48*	*--*	*4000*	*179 x 99 x 30*	*-30 to +70*	*CE*
AMESP150-NZ	*150*	*12, 15, 24, 48*	*--*	*4000*	*179 x 99 x 30*	*-30 to +70*	*CE*
AMESP200-NZ	*200*	*5, 12, 15, 24, 48*	*--*	*4000*	*215 x 115 x 30*	*-30 to +70*	*CE*
AMESP320-NZ	*320*	*5, 12, 15, 24, 48*	*--*	*4000*	*215 x 115 x 30*	*-30 to +70*	*CE*

ORANGE AC/DC CONVERTERS!

AMEM5-277HAVZ

SERIES	POWER (W)	SINGLE OUTPUT (VDC)	ISOLATION (VAC)	CASE	OPERATING TEMPERATURE (°C)	SAFETY
85-305VAC Input						
AMEM3-277HAVZ	*3*	*3.3, 5, 9, 12, 15, 24*	*4000*	*1 X 1"*	*-40 to +85*	*CE, UL*
AMEM5-277HAVZ	*5*	*3.3, 5, 9, 12, 15, 24*	*4000*	*1 X 1"*	*-40 to +85*	*CE, UL*
AMEL10-277HAVZ	*10*	*3.3, 5, 9, 12, 15, 24*	*4000*	*1.58 x 1 x 0.83"*	*-40 to +85*	*CE, UL*
AMEL15-277HAVZ	*15*	*3.3, 5, 9, 12, 15, 24*	*4000*	*1.87x1.06x0.92"*	*-40 to +85*	*CE, UL*
AMEL20-277HAVZ	*20*	*5, 12, 15, 24, 36, 48*	*4000*	*2.06x1.07x0.94"*	*-40 to +85*	*CE, UL*
AMEL30-277HAVZ	*30*	*3.3, 5, 9, 12, 15, 24, 48*	*4200*	*2.06x1.07x0.94"*	*-40 to +85*	*CE, UL*

Medical **Industrial** **IoT** **Appliances**

Meets IEC/EN/UL62368, IEC/EN60335, 61558

& IEC/EN60601-1 for 15 and 20W models

DIN Rail AC/DC CONVERTERS

AMED15-NZ

SERIES	POWER (W)	SINGLE OUTPUT (VDC)	ISOLATION (VAC)	CASE (MM)	OPERATING TEMPERATURE (°C)	SAFETY
Encapsulated, Chassis Mount						
AMED15-NZ	15	5, 12, 15, 24, 48	4000	90 x 17.5 x 58	-40 to +70	CE, UL
AMED30-NZ	30	5, 12, 15, 24, 48	4000	92.7 x 35 x 58	-40 to +70	CE, UL
AMED60-NZ	60	5, 12, 15, 24, 48	4000	92.7 x 70 x 58	-40 to +70	CE, UL
AMED75-NZ	75	12, 24, 48	4000	30 x 128 x 120	-30 to +70	CE, UL
AMED75-JZ	75	12, 24, 48	4000	32 x 125 x 87.5	-30 to +70	CE, UL
AMED100-NZ	100	12, 15, 24, 48	4000	92.7 x 70 x 58	-40 to +70	CE, UL
AMED120-NZ	120	12, 24, 48	4000	35 x 128 x 120	-20 to +60	CE, UL
AMED120-JZ	120	12, 24, 48	4000	36 x 125 x 100	-20 to +60	CE, UL
AMED150-NZ	150	12, 15, 24, 48	4000	105 x 90 x 58	-30 to +70	CE, UL

Ease of Installation, No Soldering Required!

85-264VAC input voltage

SERIES	POWER (W)	SINGLE OUTPUT (VDC)	DUAL OUTPUT (VDC)	DUAL ASYM-METRICAL OUTPUT(VDC)	TRIPPLE OUTPUT (VDC)	ISOLATION (VAC)	CASE (MM)	OPERATING TEMPERATURE (°C)	SAFETY
Open Frame, PCB Mount									
AMEOF5-JZ	5	3.3, 5, 9, 12, 15, 24	--	--	--	3000	SIP 14	-25 to +85	CE
AMEOF30-JZ	30	3.3, 5, 9, 12, 15, 24, 48	--	--	--	3000	76 x 50 x 27	-25 to +70	CE
AMEOF45-JZ	45	3.3, 5, 9, 12, 15, 24, 48	--	--	--	3000	Open frame	-25 to +70	CE
Encapsulated, PCB Mount									
AME3-CJZ	3	3.3, 5, 9, 12, 15, 24	--	--	--	3000	37 x 24.5 x 18	-25 to +70	CE
AME3-HAVZ	3	5, 12, 24	--	--	--	4000	32.3 x 27.3 x 21.8	-25 to +70	CE
AMEL3-VZ-(W)	3	3.3, 5, 9, 12, 15, 24	--	--	--	4000	37 x 24.5 x 18	-40 to +70	CE
AMEM5-Y	5	3.3, 5, 9, 12, 15, 24, 26, 48	--	--	--	4000	25.4 x 25.4 x 15.2	-25 to +70	CE
AMEL5-VZ-(W)	5	3.3, 5, 12, 15, 24	--	--	--	4000	37 x 24.5 x 18	-40 to +70	CE
AME5-VZ	5	3.3, 5, 9, 12, 15, 24	--	--	--	4000	48.5 x 36 x 20.5	-40 to +85	CE
AMEL6-VZ	6	3.3, 5, 12, 15, 24	--	--	--	4000	50.8x25.4x15.36	-40 to +70	CE
AME10-CJZ	10	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15, ±24	5/5, 5/12, 5/15, 5/24	5/±12, 5/±15	3000	55 x 45 x 21	-25 to +70	CE, UL
AMEL10-JZ	10	3.3, 5, 9, 12, 15, 24	--	--	--	4000	53.80 x 28.8 x 19	-25 to +70	CE
AME10-CVZ	10	--	±5, ±12, ±15	--	5/±12, 5/±15	4000	55 x 45 x 21	-40 to +70	
AMEL12-CJZ	12	3.3, 5, 12, 15, 24	--	--	--	4000	53.8 x 28.8 x 23.5	-25 to +70	CE
AME15-CJZ	15	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15, ±24	5/5, 5/12, 5/15, 5/24	5/±5, 5/±12, 5/±15, 5/±24	3000	62 x 45 x 22.5	-25 to +70	CE, UL
AMEL15-JZ	15	3.3, 5, 9, 12, 15, 24	--	--	--	4000	53.8 x 28.8 x 23.5	-25 to +70	CE
AME15-VZ	15	3.3, 5, 9, 12, 15, 24	--	--	--	4000	62 x 45 x 22.5	-40 to +85	CE
AMEL20-JZ	20	3.3, 5, 9, 12, 15, 24	--	--	--	4000	53.8 x 28.8 x 23.5	-40 to +70	CE
AME20-CJZ	20	5, 9, 12, 15, 24	±5, ±12, ±15	5/12, 5/15, 5/24	5/±5, 5/±12, 5/±15, 5/±24	3000	70 x 48 x 23	-40 to +70	CE, UL
AME20-VZ	20	3.3, 5, 9, 12, 15, 24	--	--	--	4000	62 x 45 x 22.5	-40 to +85	CE
AME25-CJZ	25	3.3, 5, 9, 12, 15, 24, 48	--	--	--	3000	70 x 48 x 23.5	-25 to +70	CE, UL
AMED30-NZ	30	5, 12, 15, 24, 48	--	--	--	4000	92.7 x 35 x 58	-40 to +70	--
AME40-CJZ	40	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15	5/12, 5/24	--	3000	89 x 63.5 x 25	-40 to +70	CE, UL
AME40-VZ	40	3.3, 5, 9, 12, 15, 24, 48	--	--	--	4000	89 x 63.5 x 25	-40 to +70	CE
AMEOF45-JZ	45	3.3, 5, 9, 12, 15, 24, 48	--	--	--	3000	76.2 x 50.8 x 30	-25 to +70	--
AMEL45-JZ	45	5, 12, 15, 24, 48	--	--	--	4000	87 x 52 x 29.5	-40 to +70	CE
AMEL60-JZ	60	5, 12, 15, 24, 48	--	--	--	4000	87 x 52 x 29.5	-40 to +70	CE
AME60-VZ	60	3.3, 5, 9, 12, 15, 24, 48	--	--	--	4000	109 x 58.5 x 30	-40 to +70	CE
AMEOF65-JZ	65	5, 9, 12, 15, 24, 48	--	--	--	3000	76.2 x 50.8 x 30	-25 to +70	CE

85-305VAC Input Voltage

SERIES	POWER (W)	SINGLE OUTPUT (VDC)	ISOLATION (VAC)	CASE (MM)	OPERATING TEMPERATURE (ºC)	SAFETY
Encapsulated, PCB Mount						
AME1-AZ	1	3.3, 5,12, 15, 24	3000	35.6 x 23.3 x 19.3	-40 to +80	CE, UL
AME2-AZ	2	3.3, 5,12, 15, 24	3000	35.6 x 23.3 x 19.3	-40 to +80	CE, UL
AME3-AZ	3	3.3, 5, 12, 15, 24	3000	35.6 x 23.3 x 19.3	-40 to +80	CE, UL
AMEOFL3-277HANZ	3	3.3, 5, 9, 12, 15, 24	3000	26.4 x 12.58 x 12	-40 to +85	CE
AMEL5-JZ	5	3.3, 5, 9, 12, 15, 24	4000	50.8 x 25.4 x 15.2	-25 to +70	CE
AMEOFL5-277HANZ	5	3.3, 5, 9, 12, 15, 24	3000	26.40 x 14.73 x 11	-40 to +85	CE
AMEL5-AZ	5	3.3, 5, 12, 15, 24	3000	51.5 x 28.3 x 17.8	-40 to +95	CE, UL
AME5-277NZ	5	-12/5/ 12	3000	48.5 x 36.0 x 20.5	-40 to +80	CE
AMEL5-277NZ	5	3.3, 5, 9, 12, 15, 24	4000	2 x 1 x 0.6	-40 to +70	--
AMEOF8-277NZ	8	3.3, 5, 9, 12, 15, 24	3000	44.5 x 24 x 15	-40 to +85	--
AME10-JZ	10	3.3, 5, 9, 12, 15, 24	3000	56 x 45 x 21	-40 to +70	CE, UL
AMEL10-AZ	10	3.3, 5, 12, 15, 24	3000	56.5 x 30.9 x 25.1	-40 to +80	CE, UL
AME10-277VZ	10	3.3, 5, 9, 12, 15, 24	4000	55 x 45 x 21	-40 to +85	CE
AME10-277PEVZ	10	3.3, 5, 9, 12, 15, 24	4200	55 x 45 x 21	-40 to +85	CE
AMEL10-277NZ	10	3.3, 5, 9, 12, 15, 24	4000	53.8 x 28.8 x 19	-40 to +70	CE
AMEOF10-277NZ	10	3.3, 5, 9, 12, 15, 24	3000	44.5 x 24 x 15	-40 to +85	CE
AMEOFL10-277NZ	10	3.3, 5, 9, 12, 15, 24	3000	32 x 20 x 15.05	-40 to +85	CE
AME15-JZ	15	3.3, 5, 9, 12, 15, 24, 48	3000	62 x 45 x 22.5	-40 to +70	CE, UL
AME15-277PEVZ	15	3.3, 5, 9, 12, 15, 24, 48	4200	62 x 45 x 22.5	-40 to +85	CE
AMEOF15-277NZ	15	3.3, 5, 9, 12, 15, 24	3000	24 x 44.5 x 15	-40 to +85	CE
AMEL20-AZ	20	3.3, 5, 12, 15, 24	3000	56.5 x 30.8 x 25.1	-40 to +80	CE, UL
AME20-JZ	20	3.3, 5, 9, 12, 15, 24	3000	70 x 48 x 23.5	-40 to +70	CE, UL
AME25-JZ	25	3.3, 5, 9, 12, 15, 24, 48	3000	71 x 48 x 23.5	-40 to +70	CE, UL
AME25-277VZ	25	3.3, 5, 9, 12, 15, 24, 48	4000	70 x 48 x 23.5	-40 to +85	CE
AME25-277PEVZ	25	3.3, 5, 9, 12, 15, 24, 48	4000	70 x 48 x 23.5	-40 to +85	CE
AME40-277VZ	40	3.3, 5, 12, 15, 24, 48	4000	89 x 63.5 x 25	-40 to +70	CE
AME60-277VZ	60	5, 12, 15, 24, 48	4000	109 x 58.5 x 30	-40 to +70	CE

AME25-277PEVZ

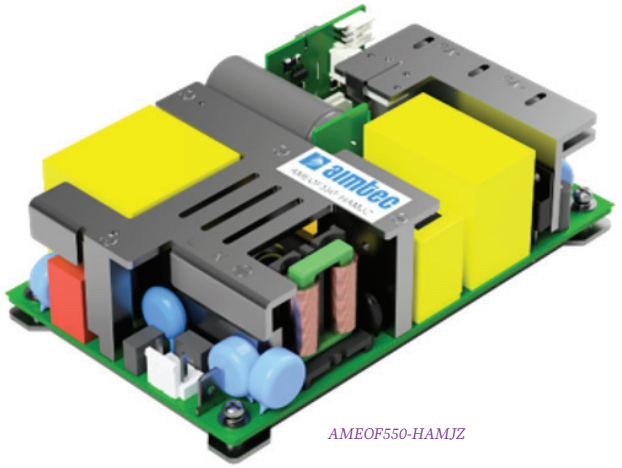
AME20-JZ

Up to 528VAC Input Voltage

SERIES	POWER (W)	INPUT VOLTAGE VAC	SINGLE OUTPUT (VDC)	ISOLATION (VAC)	CASE (MM)	OPERATING TEMPERATURE (°C)	SAFETY
Encapsulated, PCB Mount							
AME1-BAZ	1	90-528	3.3, 5, 12, 15, 24	3000	35.6 x 23.3 x 19.3	-40 to +80	CE, UL
AME10-BJZ	10	90-528	3.3, 5, 9, 12, 15, 24	4000	62 x 45 x 30	-40 to +70	CE
AME20-BJZ	20	90-528	3.3, 5, 9, 12, 15, 24	4000	70 x 48 x 30	-40 to +70	CE
AME30-480JZ	30	176-528	3.3, 5, 9, 12, 15, 24	4000	70 x 48 x 30	-40 to +85	CE
Open Frame, PCB Mount							
AMEOF5-BJZ	5	90-528	3.3, 5, 9, 12, 15, 24	4000	SIP16 (44.5 x 24 x 13)	-40 to +85	--

AC/DC Converters for Medical Applications

SERIES	POWER (W)	SINGLE OUTPUT (VDC)	CASE (MM)	OPERATING TEMPERATURE (°C)	SAFETY
Encapsulated, PCB mount, 2 x MOPP, Input 85-264VAC, I/O Isolation 4000VAC					
AMEL5-MJZ	5	5, 12, 15, 24	53.8 x 28.8 x 19	-25 to +70	IEC\EN\UL 60601-1
AMEL10-MJZ	10	3.3, 5, 9, 12, 15, 24	53.8 x 28.8 x 19	-25 to +70	IEC\EN\UL 60601-1
AME15-MJZ	15	5, 12, 15, 18, 24	62 x 45 x 22.5	-40 to +70	IEC\EN\UL 60601-1
AME25-MJZ	25	5, 12, 15, 18, 24	70 x 48 x 23.5	-40 to +70	IEC\EN\UL 60601-1
NEW AMEOF65-HAMJZ	65	3.3, 5, 12, 15, 24, 36, 48	76.2 x 50.8 x 26.5	-40 to +70	CE
NEW AMEOF120-HAMJZ	120	12, 15, 24, 27, 48	76.2 x 50.8 x 31	-40 to +85	CE
NEW AMEOF225-HAMJZ	225	12, 15, 24, 27, 36 48	103.4 x 62.0 x 37	-40 to +70	CE
NEW AMEOF350-HAMJZ	350	12, 15, 24, 27, 48	127.0 x 76.2 x 25.4	-40 to +70	CE
NEW AMEOF450-HAMJZ	450	12, 15, 24, 27, 36, 48	127 x 76.2 x 38.5	-40 to +70	CE
NEW AMEOF550-HAMJZ	550	12, 15, 24, 27, 48	127 x 76.2 x 40.5	-40 to +70	CE
Encapsulated, Chassis Mount, 2 x MOPP, Input 85-264VAC, I/O Isolation 4000VAC					
AMEL10-MJZ-ST	10	3.3, 5, 9, 12, 15, 24	76 x 31.5 x 27.8	-25 to +70	IEC\EN\UL 60601-1
AME25-MJZ-ST	25	5, 12, 15, 18, 24	96.1 x 54 x 32	-40 to +70	IEC\EN\UL 60601-1



AMEOF550-HAMJZ

AC/DC Converters for Medical Applications (Con't)

SERIES	POWER (W)	SINGLE OUTPUT (VDC)	DUAL OUTPUT (VDC)	DUAL ASYMMETRICAL (VDC)	CASE (MM)	OPERATING TEMPERA-TURE (ºC)	SAFETY
Encapsulated, Chassis Mount, 2 x MOOP, Input 90-264VAC, I/O Isolation 4000VAC							
AMEL5-MAZ	*5*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15*	*--*	*51.5 x 28 x 17.8*	*-40 to +80*	*IEC\EN\UL 60601-1*
AMEL10-MAZ	*10*	*3.3, 5, 12, 15, 24*	*-*	*3.3/5, 3.3/12, 3.3/15, 3.3/24, 5/12, 5/15, 5/24, 12/15, 12/24, 15/24, -3.3/5, -3.3/12, -3.3/15, -5/5, -5/12, -5/15, -12/12, -12/15*	*56.5x30.9 x 25.1*	*-40 to +70*	*IEC\EN\UL 60601-1*
AME15-MAZ	*15*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15*	*--*	*65 x 46. 5 x 20.1*	*-40 to +85*	*IEC\EN\UL 60601-1*
AMEL20-MAZ	*20*	*3.3, 5, 12, 15, 24*		*3.3/5, 3.3/12, 3.3/15, 3.3/24, 5/12, 5/15, 5/24, 12/15, 12/24, 15/24, -3.3/5, -3.3/12, -3.3/15, -5/5, -5/12, -5/15, -12/12, -12/15*	*56.5x30.9 x 25.1*	*-40 to +70*	*IEC\EN\UL 60601-1*
AME30-MAZ	*30*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15, ±24*	*--*	*90.5 x 63 x 30*	*-40 to +85*	*IEC\EN\UL 60601-1*
AME40-MAZ	*40*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15, ±24*	*--*	*90.5 x 63 x 30*	*-40 to +85*	*IEC\EN\UL 60601-1*
Encapsulated, Chassis Mount, 2 x MOOP, Input 90-264VAC, I/O Isolation 4000VAC							
AMEL5-MAZ-ST	*5*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15*	*--*	*86 x 38 x 23.8*	*-40 to +80*	*IEC\EN\UL 60601-1*
AMEL10-MAZ-ST	*10*	*3.3, 5, 12, 15, 24*	*--*	*3.3/5, 3.3/12, 3.3/15, 3.3/24, 5/12, 5/15, 5/24, 12/15, 12/24, 15/24, -3.3/5, -3.3/12, -3.3/15, -5/5, -5/12, -5/15, -12/12, -12/15*	*86 x 38 x 31.1*	*-40 to +70*	*IEC\EN\UL 60601-1*
AMEL20-MAZ-ST	*20*	*3.3, 5, 12, 15, 24*	*--*	*3.3/5, 3.3/12, 3.3/15, 3.3/24, 5/12, 5/15, 5/24, 12/15, 12/24, 15/24, -3.3/5, -3.3/12, -3.3/15, -5/5, -5/12, -5/15, -12/12, -12/15*	*86 x 38 x 31.1*	*-40 to +70*	*IEC\EN\UL 60601-1*

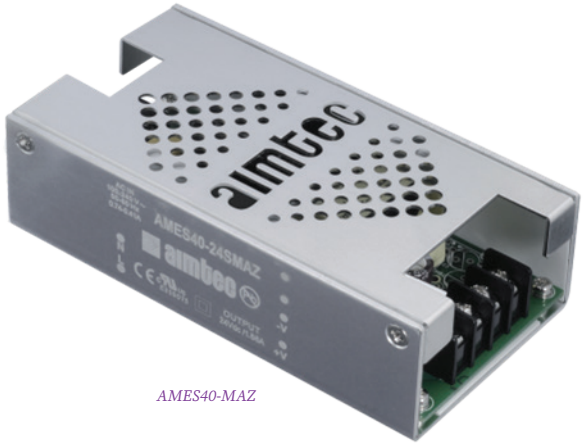
Non-Isolated AC/DC Converters

SERIES	POWER (W)	INPUT VOLTAGE VAC	OUTPUT (VDC)	DUAL ASYMMETRICAL (VDC)	CASE (MM)	OPERATING TEMPERATURE (ºC)	SAFETY
AMESR-277NZ	*1 ~ 3*	*85-305*	*5, 12*	*--*	*25.21 x 17.43 x 9.5*	*-40 to +85*	*--*

AC/DC CONVERTERS FOR MEDICAL APPLICATIONS (CON'T)

SERIES	POWER (W)	SINGLE OUTPUT (VDC)	DUAL OUTPUT (VDC)	CASE (MM)	OPERATING TEMPERATURE (ºC)	SAFETY
Enclosed, Chassis Mount, 2 x MOOP, input 90-264VAC, I/O Isolation 4000VAC with Connector on Input & Output						
AMEC30-MAZ	*30*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15, ±24*	*125 x 65 x 35*	*-40 to +85*	*CE, IEC\EN\UL 60601-1*
AMEC40-MAZ	*40*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15, ±24*	*125 x 65 x 35*	*-40 to +85*	*CE, IEC\EN\UL 60601-1*
Enclosed, Chassis Mount, 2 x MOOP, Input 90-264VAC, I/O Isolation 4000VAC with Screw Terminals on Input & Output						
AMES15-MAZ	*15*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15*	*92 x 65 x 24*	*-40 to +80*	*CE, IEC\EN\UL 60601-1*
AMES30-MAZ	*30*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15, ±24*	*125 x 65 x 35*	*-40 to +85*	*CE, IEC\EN\UL 60601-1*
AMES40-MAZ	*40*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15, ±24*	*125 x 65 x 35*	*-40 to +85*	*CE, IEC\EN\UL 60601-1*
Open Frame, Chassis Mount, 2 x MOOP, Input 90-264VAC, I/O Isolation 4000VAC with Connector on Input & Output						
AMEOC30-MAZ	*30*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15, ±24*	*125 x 59 x 26*	*-40 to +85*	*CE, IEC\EN\UL 60601-1*
AMEOC40-MAZ	*40*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15, ±24*	*125 x 59 x 26*	*-40 to +85*	*CE, IEC\EN\UL 60601-1*
Open Frame, Chassis Mount, 2 x MOOP, Input 90-264VAC, I/O Isolation 4000VAC with Screw Terminals on Input & Output						
AMEOS30-MAZ	*30*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15, ±24*	*125 x 59 x 26*	*-40 to +85*	*CE, IEC\EN\UL 60601-1*
AMEOS40-MAZ	*40*	*3.3, 5, 12, 15, 24*	*±5, ±12, ±15, ±24*	*125 x 59 x 26*	*-40 to +85*	*CE, IEC\EN\UL 60601-1*

AMEOS30-5SMAZ



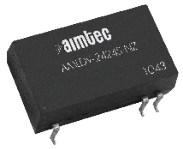
AMES40-MAZ

LED Drivers

Aimtec AC/DC and DC/DC Led Drivers

- Indoor and outdoor applications, all weather conditions
- Drive a single LED or multiple strings of LEDs
- Constant current and constant voltage
- Step up and step down converters
- Three dimming models and low flicker options
- Power factor correction (PFC)
- Available with IP67/IP68 submersible ratings

AMLDP-Z DIP8



AMLDV-NZ SMD

DC/DC LED Drivers Constant Current (non-isolated)

SERIES	INPUT (VDC)	OUTPUT CURRENT (mA)	OUTPUT VOLTAGE RANGE (VDC)	EFFICIENCY (%)	CASE	DIMMING TYPE	SAFETY
AMLB-Z	9-36	150, 250, 300, 350, 500, 600, 700, 900	14-48	90-94	2 X 1"	PWM & Analog	CE
AMLBW-Z	9-36	150, 250, 300, 350, 500, 600, 700, 900	14-48	90-94	WIRED 2 X 1"	PWM & Analog	CE
AMLDV-NZ	5.5-48	300, 350, 500, 600, 700	3.3-36	96	SMD	PWM & Analog	--
AMLD-Z	7-60	150, 250, 300, 350, 500, 600, 700, 1000	2-57	97	DIP24	PWM & Analog	CE
AMLD-RZ	9-60	300, 350, 500, 600, 700, 1000	2-56	97	DIP24	PWM & Analog	CE
AMLDW-RZ	9-60	300, 350, 500, 600, 700, 1000	2-56	97	WIRED DIP24	PWM	CE
AMLDP-Z	7-16	300, 350, 500, 600, 700, 1000	2-14	93	DIP8	PWM & Analog	CE
AMLDL-RZ	7-30	500, 600, 700	2-28	95	DIP14	PWM & Analog	CE
AMLDL-Z	7-30	300, 350, 500, 600, 700, 1000	2-28	95	DIP16	PWM & Analog	CE
AMLDLW-Z	7-30	350, 500, 700, 1000	2-28	95	WIRED DIP16	PWM & Analog	CE

AC/DC LED Drivers

5 Watt

AMEPR5-AZ IP67

SERIES	INPUT (VAC/Hz)	INPUT (VDC)	OUTPUT CURRENT (A)	OUTPUT VOLTAGE RANGE (VDC)	ISOLATION (VAC)	EFFICIENCY (%)	DIMMING TYPE	CASE	SAFETY
AMEPR5-AZ	90-264/47-440	130-370	0.3, 0.35, 0.36, 0.7, 1	8-16, 6-14, 5-12, 2-6, 3-5	3K	72-79	--	IP67, 1.14 x Ø1”	CE, UL

8 Watt

AMEPR8D-AZ	90-264/47-440	--	0.3, 0.4, 0.7	12-24, 9-18, 6-12	3K	74-76	TRIAC	IP67, 2.76 x Ø1"	--

10 Watt

AMEPR10D-AZ	90-264/47-440	--	0.2, 0.25, 0.3, 0.35, 0.64, 0.7	36-50, 30-40, 24-36, 15-30, 8-15, 5-12	3K	76-81	TRIAC	IP67, 5.3x1.3x1.2"	CE, UL
AMEPR10-Z	90-264/47-63	--	0.24, 0.29	18-26, 23-33, 30-42	3.75k	83-86	--	IP20, 3.46 x 1.54 x 0.91	CE

AMEPR10-Z, IP20

15 Watt

AMEPR15D-AZ	90-264/47-440	--	0.3, 0.35, 0.5, 0.7, 1	36-50, 30-48, 24-36, 12-24, 8-15	3K	79-82	TRIAC	IP67, 5.3x1.3x1.2"	CE, UL

16 Watt

AMEPR16-Z	90-264/47-63	--	0.29, 0.36	24-42, 30-42, 40-58	--	87-88	--	IP20, 3.68 x 1.76	CE

20 Watt

AMEPR20-Z	90-305/47-63	--	0.5	24-42	3.75K	88	--	IP20, 3.68 x 1.76”	CE

25 Watt

AMEPR25D-AZ	90-264/47-440	--	1	9-24	3K	80-83	TRIAC	IP67, 5.3x1.3x1.2"	--

AMEPR30D-AZIP67,IP20

AMEPR16-Z, IP20

30 Watt

SERIES	INPUT (VAC/Hz)	INPUT (VDC)	OUTPUT CURRENT (A)	OUTPUT VOLTAGE RANGE (VDC)	ISOLATION (VAC)	EFFICIENCY (%)	DIMMING TYPE	CASE	SAFETY
AMEPR30D-AZ	90-264/47-440	--	0.7, 1, 1.25, 1.4, 2	36-50, 32-42, 24-36, 12-24, 8-15	3K	80-87	TRIAC	IP67, 5.3x1.3x1.2"	CE, UL
AMEOR30-AZ	90-305/47-440	130-430	0.64, 0.7, 1, 1.4, 2.5	36-50, 36-48, 24-36, 12-24, 5-12	3K	83-86	Resistive	5.8 x 2 x 1.3"	CE, UL
AMEOR30C-AZ	90-305/47-440	130-430	0.64, 0.7, 1, 1.4, 2.5	36-50, 36-48, 24-36, 12-24, 5-12	3K	80-83	Resistive, PWM & 0-10 VDC	5.8 x 2 x 1.3"	CE, UL
AMEPR30-AZ	90-305/47-440	130-430	0.64, 0.7, 1, 1.4, 2.5	36-50, 36-48, 24-36, 12-24, 5-12	3K	83-86	Resistive	IP68, 5.4x2.4x1.6"	CE, UL
AMEPR30C-AZ	90-305/47-440	130-430	0.64, 0.7, 1, 1.4, 2.5	36-50, 36-48, 24-36, 12-24, 5-12	3K	80-83	Resistive, PWM & 0-10 VDC	IP68, 5.4x2.4x1.6"	CE, UL
AMEPR30NC-Z	90-305/47-63	--	0.5, 0.6, 0.7	24-42	--	79-81	Resistive, PWM & 0-10V	IP62, 6.61 x 1.85	--
AMEPR30-Z	90-264/47-63	--	0.5, 0.6, 0.7	28-42, 30-42	--	88-89	--	IP20, 4.33 x 1.65	CE, UL
AMEPR30N-Z	90-305/47-63	--	0.5, 0.6, 0.7	24-42	--	79-81	--	IP67, 6.61 x 1.85	--

40 Watt

AMER40-Z	90-305/47-63	--	0.75, 0.9	30-42	--	89	--	IP65/IP67, 6.5 x 1.91"	--
AMEPR40-Z	90-264/47-63	--	0.4, 1	30-42, 80-100	--	88	--	IP20, 5.71 x 1.89"	--
AMEPR40N-Z	90-305/47-63	--	0.8, 0.85, 0.9, 1	24-42	--	82-84	--	IP62, 6.61 x 1.85"	--
AMER40N-Z	90-305/47-63	--	0.75, 0.9	30-42	--	86-87	--	IP65/IP67, 7.36 x 1.91"	CE

50 Watt

AMER50-Z	90-305/47-63	--	1.05, 1.2	30-42	--	89-90	--	IP65/IP67, 6.89 x 1.91"	--
AMEQR50N-Z	90-305/47-63	--	1	36-50	--	88	--	IP65/IP67, 4.88 x 3.57"	--
AMEPR50N-Z	90-264/47-63	--	1, 1.05, 1.15	30-42	--	87	--	IP67, 6.3 x 1.73"	--
AMER50N-Z	90-305/47-63	--	1.05, 1.2	30-42	--	87-88	--	IP65/IP67, 7.36 x 1.91	CE

AC/DC LED Drivers

60 Watt

SERIES	INPUT (VAC/Hz)	INPUT (VDC)	OUTPUT CURRENT (A)	OUTPUT VOLTAGE RANGE (VDC)	ISOLATION (VAC)	EFFICIENCY (%)	DIMMING TYPE	CASE	SAFETY
AMER60-Z	*90-305/47-63*	*--*	*1.3, 1.4, 1.5, 1.6*	*24-42*	*--*	*89-90*	*--*	*IP65/IP67, 6.89 x 1.91*	*--*
AMER60N-Z	*90-305/47-63*	*--*	*1.3, 1.4, 1.5, 1.6*	*24-42*	*--*	*87-88*	*--*	*IP65, IP67, 7.36 x 1.91*	*--*
AMEPR60N-Z	*90-264/47-63*	*--*	*1.4*	*24-42*	*--*	*86*	*--*	*IP54, 6.3 x 1.73*	*CE*
AMEOR60-AZ	*90-305/47-440*	*130-430*	*1.2, 1.66, 2.5, 5*	*36-50, 24-36, 12-24, 5-12*	*3K*	*85-89*	*Resistive*	*5.8 x 2 x 1.3"*	*CE, UL*
AMEOR60C-AZ	*90-305/47-440*	*130-430*	*1.2, 1.66, 2.5, 5*	*36-50, 24-36, 12-24, 5-12*	*3K*	*85-89*	*Resis-tive, PWM & 0-10 VDC*	*5.8 x 2 x 1.3"*	*CE, UL*
AMEPR60-AZ	*90-305/47-440*	*130-430*	*1.2, 1.66, 2.5, 5*	*36-50, 24-36, 12-24, 5-12*	*3K*	*82-89*	*Resistive*	*IP68, 5.4x2.4x1.6"*	*CE, UL*
AMEPR60C-AZ	*90-305/47-440*	*130-430*	*1.2, 1.66, 2.5, 5*	*36-50, 24-36, 12-24, 5-12*	*3K*	*85-89*	*Resis-tive, PWM & 0-10 VDC*	*IP68, 5.4x2.4x1.6"*	*CE, UL*
AMER60-12VC	*90-295/47-63*	*--*	*5*	*12*	*--*	*88*	*--*	*IP66 & 68 6.9x1.9x1.3"*	*CE*

70 Watt

AMEQR70N-Z	*90-305/47-63*	*--*	*1.4*	*36-50*	*3.75k*	*88*	*--*	*IP67, 4.88 x 3.57 x 1.75*	*CE*

72 Watt

AMER72N-24300Z	*90-305/47-63*	*--*	*3*	*12-24*	*3.75k*	*87*	*--*	*IP67, 41.91 x 1.31 x 7.36*	*CE*

90 Watt

AMER90-Z	*90-305/47-63*	*--*	*1.6-2*	*24-42, 40-56*	*--*	*90*	*--*	*IP67, 6.93 x 2.7*	*CE, UL*
AMER90C-Z	*90-305/47-63*	*--*	*1.2*	*35-70*	*--*	*90-91*	*--*	*IP65/IP67, 6.93 x 2.7*	*--*

120 Watt

SERIES	INPUT (VAC/Hz)	INPUT (VDC)	OUTPUT CURRENT (A)	OUTPUT VOLTAGE RANGE (VDC)	ISOLATION (VAC)	EFFICIENCY (%)	DIMMING TYPE	CASE	SAFETY
AMER120C-Z	*90-305/47-63*		*1.7*	*35-70*		*90, 91*		*IP65/IP67, 6.93 x 2.7*	
AMER120-Z	*90-305/47-63*		*2.5, 3*	*24-42*		*87, 88*		*IP65/IP67, 6.93 x 2.7*	*CE*

130 Watt

AMER130-Z	*90-305/47-63*	*--*	*2.4*	*35-55*	*--*	*92*	*--*	*IP65/IP67, 9.02 x 2.68*	*CE*

160 Watt

AMER160-Z	*90-305/47-63*	*--*	*2.9, 3.2, 3.4*	*15-48, 30-55*	*--*	*92*	*--*	*IP65/IP67, 9.02 x 2.68*	*CE*

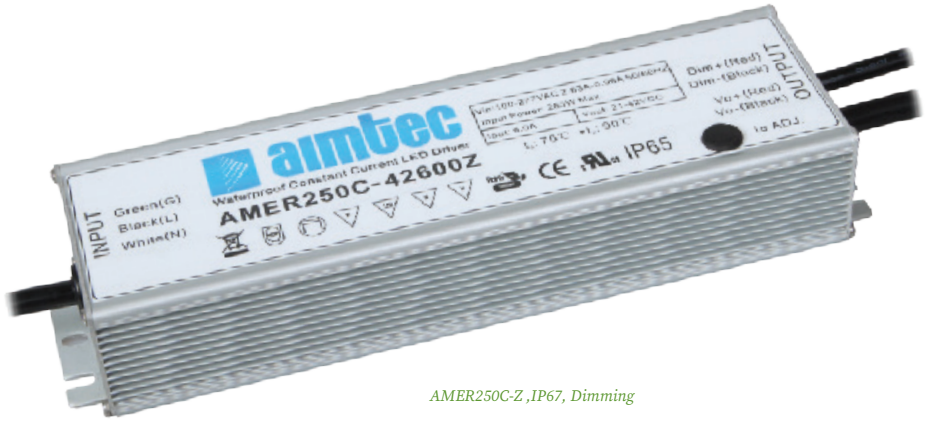
175 Watt

AMER175-Z	*90-305/47-63*	*--*	*3.6*	*15-48*	*--*	*92*	*--*	*IP65/IP67, 9.02 x 2.68*	*CE*

250 Watt

AMER250C-Z	*90-305/47-63*	*--*	*3, 5, 6, 10*	*12-24, 21-42*	*--*	*90-91*	*--*	*IP65/IP67, 9.66 x 2.7*	*CE*

AMEQR50N-Z, IP67,
No flicker, Unique form factor



AMER250C-Z ,IP67, Dimming

EMC
Filters

A product class designed to offer the best EMC compliance and help your product get to market faster.

Wide input range: 90-305VAC, 47-63Hz

Operating temperature: -40 °C to 80 °C

Mounting: PCB mounting, Chassis mounting with screw terminal, DIN-RAIL mounting

EMC Filters

Series	Temp Range (°C)	Active/Passive	Input Voltage Range	Max Output Current (A)	Output Voltage Range	EMC Compliance	Package
AMFW40-JZ	-40 to +85	Passive	0 - 80VDC	3	-	CISPR32/EN55032 Class B	1 x 1”
AMFW24-JZ	-40 to +85	Passive	9 - 36VDC	1	-	CISPR32/EN55032 Class B	Encapsulated
AMFE305150	-40 to +85	Passive	85 - 305VAC	1.5	-	CISPR32/EN55032 Class B	Encapsulated
AMFE30503	-40 to +85	Passive	85 - 305VAC	0.3	-	CISPR32/EN55032 Class B	Encapsulated
AMFW40FT-JZ	-40 to +85	Passive	0 - 80VDC	1.5		-	Encapsulated
AMFW24-NZ	-40 to +85	Active	18-36VDC	75	82	CISPR32/EN55032 Class B	Encapsulated
AMFW48-NZ	-40 to +85	Active	18 - 75VDC	30	82	CISPR32/EN55032 Class B	Encapsulated
AMFW48-JZ	-40 to +85	Passive	18-75VDC	1	-	CISPR32/EN55032 Class B	Encapsulated
AMF48-NZ	-40 to +85	Active	36 - 76VDC	-		-	Encapsulated
AMF24-NZ	-40 to +85	Active	10 - 36VDC	-	39	CISPR32/EN55032 Class B	Encapsulated
AMFW72-NZ	-40 to +85	Active	40 - 160VDC	-	165	CISPR32/EN55032 Class B	Encapsulated
AMFW110-NZ	-40 to +85	Active	66 - 160VDC	-	165	CISPR32/EN55032 Class B	Encapsulated
AMFC-NZ	-25 to +105	Passive	0 - 2000VDC	3	-	-	Open Frame

KVO OPT HLD PRI SEC
ml/hr
200.0
PRI SEC HLD OPT KVO
PRI
SEC
A B
OPTIONS
Rate= 200.0 ml/hr
VTBI= 124.8 ml
VI= 150.2 ml
PRIMARY
5% Resistance
1 2 3
4 5 6
7 8 9
0
Clear
Enter
PCH

Adapters

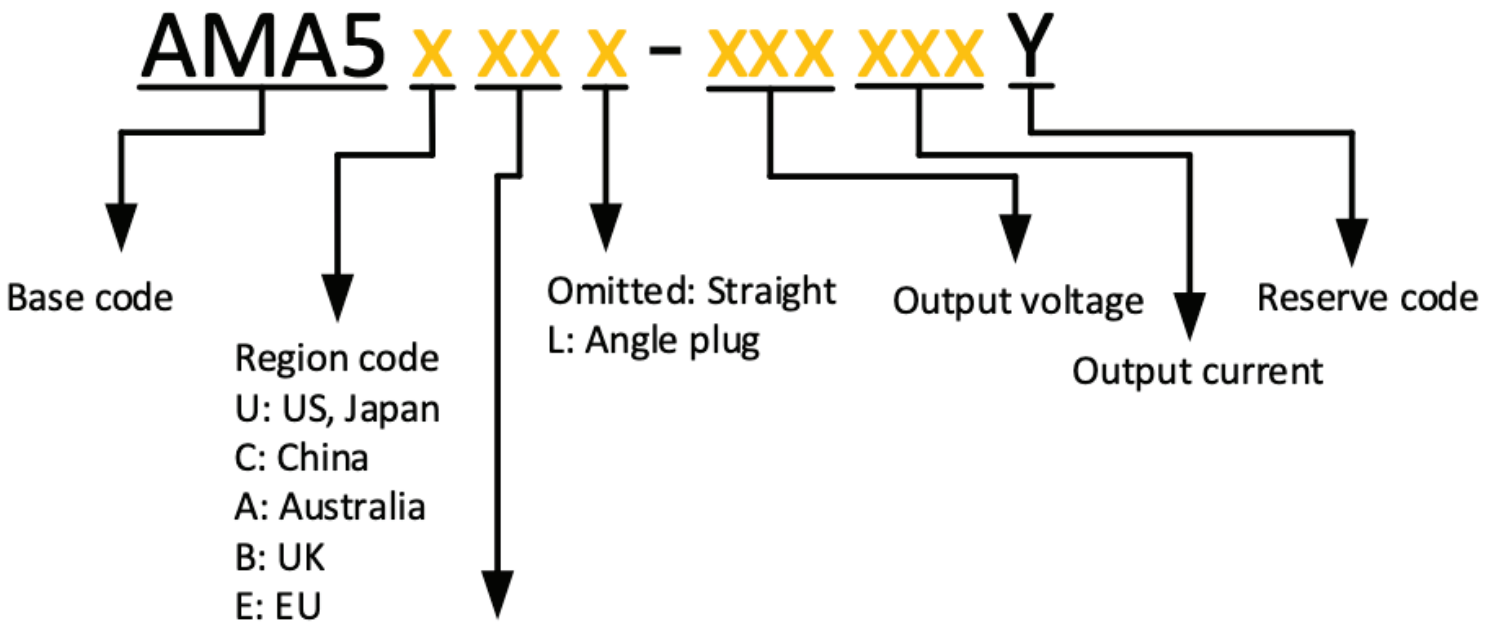
On Line
On Battery
Overload
Replace Battery

Customers will now benefit from a whole new product class expanding Aimtec's overall portfolio breadth.

Multiple Output plugs

Series	Code	Outer Diameter	Inner Diameter	Length
Standard	R1	3.5mm	1.35mm	9.5mm
	R2	3.8mm	1.05mm	9.5mm
	R3	3.8mm	1.35mm	9.5mm
	R4	5.5mm	2.1mm	9.5mm
	R5	5.5mm	2.5mm	9.5mm
Locking	K1	5.5mm	2.1mm	9.5mm
	K2	5.5mm	2.5mm	9.5mm
USB	U1	Micro USB		
	U2	USB type C		
	U3	Female USB type-A port embedded in the adapter body (no external wires)		
	U4	Mini USB		

Nomenclature



Adapters

Desktop

Wall Mount

Wall Mount Adaptors

Series	Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Max Output Current (A)	Isolation (VAC)	Operating Temperature (°C)	Certifications
AMA5-Y	5	90-264	5, 12	0.5, 1	3000	0 to +40	EAC, UL, CE, EMC, FCC
AMA12-Y	12	90-264	5, 12	1, 2	3000	0 to +40	EAC, UL, CE, EMC, FCC
AMA12-MY	12	90-264	12	1	3000	0 to +40	EAC
AMA18X-Y	18	90-264	12	1.5	3000	0 to +40	EAC, UL, CE, EMC, FCC
AMA24-Y	24	90-264	5, 12, 24	0.75, 1.5, 2, 3	3000	0 to +40	EAC, UL, CE, EMC, FCC
AMA36-Y	36	90-264	12	2.5, 3	3000	0 to +40	EAC, UL, CE, EMC, FCC
AMA40-Y	40	90-264	12	3.34	3000	0 to +40	EAC, UL, CE, EMC, FCC
AMA65-Y	65	90-264	12, 19, 24	2, 3.42, 5	3000	0 to +40	EAC, UL, CE, EMC, FCC

Desktop Adaptors

Series	Output Power (W)	Input Voltage (VAC)	Output Voltage (VDC)	Max Output Current (A)	Isolation (VAC)	Operating Temperature (°C)	Certifications
AMA24D-Y	24	90-260	12, 15	1, 1.5, 2	3000	0 to +40	EAC, UL, CE, EMC, FCC
AMA36D-Y	36	90-264	12	2.5, 3	3000	0 to +40	EAC, UL, CE, EMC, FCC
AMA40D-Y	40	90-264	12	3.34	3000	0 to +40	EAC, UL, CE, EMC, FCC
AMA65D-Y	65	90-264	12, 19	3.4, 5.4	3000	0 to +40	EAC, UL, CE, EMC, FCC
AMA90D-Y	90	90-264	12, 19, 24	3.75, 4.7, 7.5	3000	0 to +40	EAC, UL, CE, EMC, FCC
AMA120D-Y	120	90-264	12, 19	6.3, 10	3000	0 to +40	EAC, UL, CE, EMC, FCC

Output Plug Types

Locking

Right Angle

Micro USB

USB Type C

What makes Aimtec different...

We design and manufacture unique products with distinctive features such as our AC/DC converters with an ultra-wide input range of **90-528VAC** *to our DC/DC* **Photovoltaic Series** *featuring 100-1000, 200-1200 and 150-1500VDC input ranges.*

Our product line ranges from 1/4Watt to 250Watt, over **30 package types**, *and includes one of the industry's largest selections within the* **1 to 3** *Watt range.*

Many of our products carry CE and UL certifications and feature an extended operating temperature range of up to 105 to 125 °C, with some reaching cold start temperature as low as -40 °C.

We provide outstanding technical and client **support** *worldwide – in several languages – always within 24 hrs.*

Aimtec's strong corporate culture is based on a unique mixture of technical vision, innovation and a strong commitment to **surpassing** *our clients' expectations.*

Value

Delivering products that provide exceptional performance and reliability at very affordable prices is how Aimtec defines its value proposition. Aimtec's power supplies are designed and manufactured to perform, period. The company **guarantees** the performance and reliability of its AC/DC and DC/DC converters with a three year manufacturer's warranty and a number of its LED drivers with a five year manufacturer's warranty.

Selection

With one of the widest selections of low-to-mid range power converters from 0.25 Watts to 550 Watts, Aimtec offers one of the **industry's largest** product offerings within the 1 Watt to 3 Watt range.

Lead Time

With competitive lead times complimented by a global network of **stocking distributors** who fulfill sample quantities for most models, Aimtec offers one of the shortest lead times in the industry.

Design

The depth and expertise of Aimtec's electronic design capabilities allow it to deliver highly integrated power supplies that provide energy efficient, cost-effective solutions for a multitude of applications. Aimtec's power converters are renowned for being reliable, robust products that are best in their class for their technical parameters and their **quality/cost ratio** and for exceeding industry norms in terms of features, performance, safety standards and power density.

Support

Aimtec works with a distribution network in over 102 regions **worldwide** to better support and service its clients' individual needs.

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info@aimtec.com

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Your Power Partner