



Application Guide

Volume 5



Medical



Industrial



Lighting



Transportation



Renewable Energy



IoT



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Legend

Term	Definition
OCP	Overcurrent Protection
SCP	Short Circuit Protection
CSP	Continuous Short Circuit Protection
OVP	Over Voltage Protection
OLP	Over Load Protection
OTP	Over Temperature Protection
QB	Quarter Brick
HB	Half Brick



Transportation

Railroad

LED displays
Audio amplifiers
Safety monitors
Lighting
Communication systems
Computers & sensors

Key Features

Nominal Input Voltage 110VDC
Industrial temp: -40 to 85°C
Encapsulated packages for withstanding shock and vibration
High Isolation between circuits
Over temperature protection



AM20CWR-ZK

Automotive

Navigation systems
Communication systems
Entertainment systems

Key Features

Sensing
Industrial temp. range: -55 to 125°C
Remote On/Off
Over temperature protection
Encapsulated packages for withstanding shock and vibration
High Isolation between circuits



AM200QB-NZ

Electric Car Chargers

Charging system
Communication system
Payment system

Key Features

480V input for fast charging
Overcurrent protection
High Isolation between circuits



AMEL90-277HAVZ



Railroad - DC/DC Converters

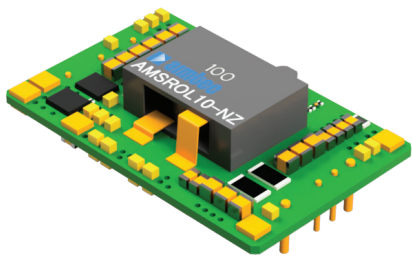
Please see page 20 for solutions to enhance EMC compliance

Series	Power (W)	Input (VDC)	Single Output (VDC)	Dual Output (VDC)	Operating Temperature (°C)	Isolation (VDC)	Case	Safety
AM6CW-NZ	6	9-36, 18-75, 40-160	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15, ±24	-40 to +85	1.5k, 2.25k	1 x 1", metal	CE, UL
AM8TW-Z	8	9-36, 18-75, 13-70, 42-176	3.3, 5, 12, 15	±5, ±12, ±15	-40 to +85	1.6k, 3k	DIP24, metal	CE, UL
AM10EW-NZ	10	9-36, 18-75, 40-160	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15	-40 to +85	2.25k, 3k	2 x 1" metal	CE, UL
AM15EW-NZ	15	9-36, 18-75, 40-160	3.3, 5, 9, 12, 15, 24	±5, ±12, ±15	-40 to +85	2.25k, 3k	2 x 1" metal	CE, UL
AM20EW-NZ	20	9-36, 18-75, 40-160	3.3, 5, 9, 12, 15, 18, 24	±5, ±9, ±12, ±15, ±24	-40 to +85	1.5k, 2.25k, 3k	2 x 1" metal	CE, UL
AM20CWR-ZK	20	13-70, 42-176	3.3, 5, 12, 15	±5, ±12, ±15	-40 to +100	3k	1 x 1"	CE
AM25EUW-ZK	25	16-160	5, 12, 15, 24	-	-40 to +100	3k	2 x 1"	CE
AM40EW-NZ	40	40-160	3.3, 5, 12, 15, 24, 48	-	-40 to +85	3k	2 x 1"	CE
AM50QB-JZ	50	43-160	3.3, 5, 12, 15, 24, 48	-	-40 to +105	3k	QB	CE
AM75QB-NZ	75	18-75, 66-160	5, 12, 15, 24, 48	-	-40 to +100	3k	QB	CE
AM75QB-JZ	75	43-160	3.3, 5, 12, 15, 24, 48	-	-40 to +105	3k	QB	CE
AM100QB-NZ	100	9-36, 18-75	5, 12, 15, 24, 28, 48	-	-40 to +100	3k	QB	CE
AM150HB-JZ	150	43-66, 66-160	5, 12, 15, 24, 48	-	-40 to +100	3k	2.40 x 2.28"	CE
AM150QB-NZ	150	18-75	5, 12, 15, 24, 48	-	-40 to +85	2.25k	QB	CE
AM200QB-NZ	200	18-75	5, 12, 15, 24, 48	-	-40 to +85	2.25k	QB	CE
AM250HB-JZ	250	40-160, 40-66, 66-160	5, 12, 15, 24, 48, 54	-	-40 to +100	3k	HB	CE
AM250ST-NZ	250	43-160, 43-66, 66-160	5, 12, 15, 24, 48, 54	-	-40 to +100	3k	6.50 x 3.07"	CE

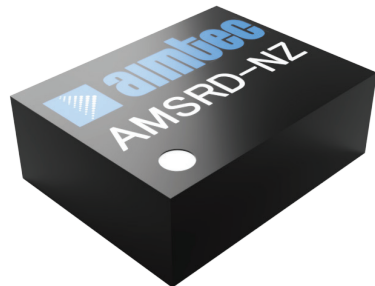


Switching Regulators

Series	Input (VDC)	Single Output (VDC)	Output Current (A)	Operating Temperature (°C)	Isolation (VDC)	Case	Safety
AMSRI1-NZ	6-36	-15, -12, -5, 3.3, 5, 9, 12, 15	1	-40 to +85	-	SIP3	CE, UL
AMSRL-Z	9-72	3.3, 5, 6.5, 9, 12, 15	1	-40 to +105	-	Open Frame SMD	CE
AMSRL1-Z	3-36	1.2, 1.5, 1.8, 2.5, 3.3, 5, 6.5, 9, 12, 15	1	-40 to +105	-	Open Frame SMD	CE
AMSRL1-JZ	4.75-36	1.5, 1.8, 2.5, 3.3, 5, 6.5, 9, 12	1	-40 to +85	-	SMD	CE
AMSRB1-JZ	6-36	3.3, 5, 9, 12, 15/-5, -12, -15	1	-40 to +85	-	SIP3	CE
AMSRU-78JZ	9-90	3.3, 5, 6.5, 9, 12, 15, 24	0.5	-40 to +85	-	SIP3	CE
AMSRD-NZ	4.5-36	±3.3, ±5, ±6.5, ±9, ±12, ±15	0.5	-40 to +105	-	DFN	CE
AMSR2-JZ	6-36	3.3, 5, 9, 12, 15	2	-40 to +85	-	SIP3	CE
AMSR0L10-NZ	16-75	12, 24	10	-40 to +85	-	Open Frame SMD	CE



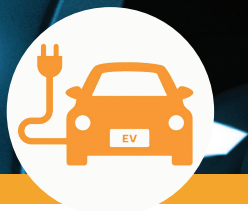
AMSROL10-NZ



AMSRD-NZ

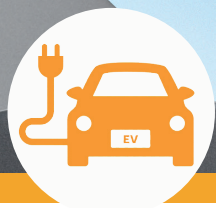


AMSRU-78JZ



Electric Car Chargers - AC/DC Converters

Series	Power (W)	Input (VAC)	Single Output (VDC)	Multiple Output (VDC)	Operating Temperature (°C)	Isolation (VDC)	Dimensions	Features	Safety
AMEM3-277HAVZ	3	85-305	3.3, 5, 9, 12, 15, 24	-	-40 to +85	4k	1 x 1"	SCP, OCP, OVP	CE, UL
AMEM5-277HAVZ	5	85-305	3.3, 5, 9, 12, 15, 24	-	-40 to +85	4k	1 x 1"	SCP, OCP, OVP	CE, UL
AMEL10-277HAVZ	10	85-305	3.3, 5, 9, 12, 15, 24	-	-40 to +85	4k	1.58 x 1"	SCP, OCP, OVP	CE, UL
AMEL15-277HAVZ	15	85-305	3.3, 5, 9, 12, 15, 24	-	-40 to +85	4k	1.87 x 1.06"	SCP, OCP, OVP	CE, UL
AMES15-277NZ	15	85-305	3.3, 5, 12, 15, 24, 48	-	-30 to +70	4k	2.56 x 2.16"	SCP, OCP, OVP	CE, UL
AMEL20-277HAVZ	20	85-305	3.3, 5, 9, 12, 15, 24	-	-40 to +85	4k	2.06 x 1.07"	SCP, OCP, OVP	CE, UL
AMES25-277NZ	25	85-305	3.3, 5, 12, 15, 24, 48	-	-30 to +70	4k	3.15 x 2.16"	SCP, OCP, OVP	CE, UL
AMEL30-277HAVZ	30	85-305	3.3, 5, 9, 12, 15, 24, 48	-	-40 to +85	4.2k	2.74 x 1.54"	SCP, OCP, OVP	CE, UL
AMES35-NZ	35	85-264	5, 12, 15, 24	5/12, 5/24 +5/12/-12, +5/+15/-15, +5/+24/+12	-30 to +70	3k, 4k	3.90 x 3.23"	SCP, OCP, OVP	CE, UL
AMES35-277NZ	35	85-305	5, 12, 15, 24	-	-30 to +70	4k	3.90 x 3.23"	SCP, OCP, OVP	CE, UL
AMEL40-277HAVZ	40	85-305	5, 12, 15, 24, 48	-	-40 to +85	4.2k	2.74 x 1.54"	SCP, OCP, OVP	CE, UL
AMES50-NZ	50	85-264	5, 12, 15, 24, 36, 48	5/12, 5/24 +5/12/-12, +5/+15/-15, +5/+24/+12	-30 to +70	3k, 4k	3.90 x 3.23"	SCP, OCP, OVP	CE, UL
AMES50-277NZ	50	85-305	5, 12, 15, 24, 36, 48	-	-30 to +70	4k	3.90 x 3.23"	SCP, OCP, OVP	CE, UL
AMEL60-277HAVZ	60	85-305	5, 12, 15, 24, 48	-	-40 to +85	4.2k	2.76 x 1.88"	SCP, OCP, OVP	CE, UL
AMES75-NZ	75	85-264	5, 12, 15, 24, 36, 48	5/12, 5/24 +5/12/-12, +5/+15/-15, +5/+24/+12	-30 to +70	3k, 4k	3.90 x 3.23"	SCP, OCP, OVP	CE, UL



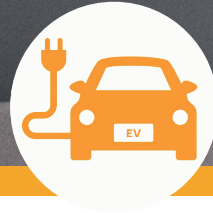
Electric Car Chargers - AC/DC Converters

Series	Power (W)	Input (VAC)	Single Output (VDC)	Multiple Out-put (VDC)	Operating Temperature (°C)	Isolation (VDC)	Dimensions	Features	Safety
AMES75-277NZ	75	85-305	5, 12, 15, 24, 36, 48	-	-30 to +70	4k	3.90 x 3.23"	SCP, OCP, OVP	CE, UL
AMESP75-277NZ	75	85-305	5, 12, 15, 24, 48	-	-30 to +70	4k	6.26 x 3.82"	SCP, OCP, OVP, OTP	CE
AMEL90-277HAVZ	90	85-305	12, 15, 24, 48	-	-40 to +85	4k	3.43 x 2.05"	SCP, OCP, OVP	CE, UL
AMES100-NZ	100	85-264	5, 12, 15, 24, 36, 48	5/12, 5/24 +5/12/-12, +5/+15/-15, +5/+24/+12	-30 to +70	3k, 4k	5.08 x 3.82"	SCP, OCP, OVP	CE, UL
AMES100-277NZ	100	85-305	5, 12, 15, 24, 36, 48	-	-30 to +70	4k	5.08 x 3.82"	SCP, OCP, OVP	CE, UL
AMESP100-277NZ	100	85-305	12, 15, 24, 48	-	-30 to +70	4k	7.05 x 3.90"	SCP, OCP, OVP, OTP	CE, UL
AMES150-NZ	150	85-264	12, 15, 24, 36, 48	-	-30 to +70	4k	6.26 x 3.82"	SCP, OCP, OVP	CE, UL
AMES150-277NZ	150	85-305	12, 15, 24, 36, 48	-	-30 to +70	4k	6.26 x 3.82"	SCP, OCP, OVP	CE, UL
AMESP150-277NZ	150	85-305	12, 15, 24, 48	-	-30 to +70	4k	7.05 x 3.90"	SCP, OCP, OVP, OTP	CE, UL
AMES200-NZ	200	90-264	5, 12, 15, 24, 36, 48	-	-30 to +70	3k	7.05 x 3.90"	SCP, OCP, OVP, OTP	CE, UL
AMESP200-277NZ	200	85-305	5, 12, 15, 24, 48	-	-30 to +70	4k	8.46 x 4.52"	SCP, OCP, OVP, OTP	CE, UL
AMESP200U-277JZ	200	85-305	5, 12, 24, 36, 48		-40 to +70	4k	7.71 x 2.16"	SCP, OCP, OVP	CE
AMESP320-277NZ	320	85-305	5, 12, 15, 24, 48	-	-30 to +70	4k	8.46 x 4.53"	SCP, OCP, OVP, OTP	CE, UL
AMESP350U-277JZ	350	85-305	5, 12, 24, 36, 48	-	-40 to +85	4k	8.66 x 2.44"	SCP, OCP, OVP	CE
AMES350-NZ	350	90-264	5, 12, 15, 24, 36, 48	-	-30 to +70	3k	8.46 x 4.53"	SCP, OCP, OVP, OTP	CE, UL
AMESP500U-277JZ	500	85-305	5, 12, 24, 36, 48	-	-40 to +85	4k	9.13 x 3.19"	SCP, OCP, OVP	CE
AMESP600-MNZ	600	80-277	5, 12, 15, 24, 27, 36, 48		-40 to +70	4k	8.00 x 4.00"	SCP, OCP, OVP, OTP	CE



Electric Car Chargers - DC/DC Converters

Series	Power (W)	Input (VDC)	Single Output (VDC)	Dual Output (VDC)	Isolation (VDC)	Package	Features	Safety
AM1DR-VZ	1	12, 15, 24	3.3, 5, 9, 12, 15, 24	-	3k	SIP7	SCP	CE
AM1DS-JZ	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	$\pm 3.3, \pm 5, \pm 9, \pm 12, \pm 15, \pm 24$	1.5k, 3k	SIP7	SCP	CE, UL
AM1LR-JZ	1	5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	-	1.5k, 3k	SMD	SCP	CE
AM1LS-JZ	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	$\pm 3.3, \pm 5, \pm 7.2, \pm 9, \pm 12, \pm 15, \pm 24$	1.5k, 3k	SMD	SCP	CE, UL
AM1LS-UZ	1	5	3.3, 5, 12, 15, 24, 48	-	4k, 4.2k	SMD	SCP	CE
AM1LS-VZ	1	3.3, 5, 12, 24	3.3, 5, 9, 12, 15, 24	$\pm 3.3, \pm 5, \pm 9, \pm 12, \pm 15, \pm 24$	1.5k, 3k	SMD	SCP	CE, UL
AM1LS-XZ	1	5	3.3, 5, 12, 15, 24, 48	-	1.5k	SMD	-	CE, UL
AM1M-JZ	1	12, 15, 24	3.3, 5, 9, 12, 15, 24, 48	$\pm 5, \pm 9, \pm 12, \pm 15$	3k	DIP14	SCP	CE
AM1MS-UZ	1	5	5, 12, 15, 24	5/5	1.5k	DIP14	SCP	CE
AM1PS-JZ	1	3.3, 5, 12, 15, 24	5, 12, 15, 24	-	1.5k, 3k	DIP8	SCP	CE, UL
AM1SR-JZ	1	5, 12, 24	5, 12, 15, 24, 48	-	1.5k	SIP4	SCP	CE
AM1DM-NZ	1	3.3, 5, 12, 15, 24	3.3, 5, 12, 15	$\pm 5, \pm 9, \pm 12, \pm 15$	6k	SIP7	SCP	CE, UL



Electric Car Chargers - DC/DC Converters

Series	Power (W)	Input (VDC)	Single Output (VDC)	Dual Output (VDC)	Isolation (VDC)	Package	Features	Safety
AM1SS-JZ	1	3.3, 5, 12, 15, 24	5, 12, 15, 24, 36, 48	-	1.5k	SIP4	SCP	CE, UL
AM2DS-JZ	2	5, 12, 15, 24	3.3, 5, 7.2, 9, 12, 15, 18, 24	$\pm 3.3, \pm 5, \pm 7.2, \pm 9, \pm 12, \pm 15, \pm 24$	1.5k, 3k	SIP7	SCP	CE, UL
AM2LS-JZ	2	5, 12, 15, 24	3.3, 5, 7, 9, 12, 15, 24	-	1.5k, 3k	SMD	SCP	CE
AM2M-JZ	2	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	$\pm 3.3, \pm 5, \pm 7, \pm 9, \pm 12, \pm 15, \pm 24$	1.5k, 3k	DIP14	SCP	CE
AM2SS-JZ	2	5	5, 9, 12, 15, 24	-	1.5k	SIP4	SCP	CE
AM2DM-NZ	2	5, 12, 15, 24	5, 12, 15	$\pm 5, \pm 9, \pm 12, \pm 15$	6k	SIP7	SCP	CE, UL
AMDG-JZ	2.25	5, 12, 15, 24	-	15/-2.5, 15/-4, 15/-5, 18/-3, 18/-3.5, 20/-4, 20/-5	5k	SIP7	-	CE



AMESP75-277NZ



AMDG-JZ



AM1LS-VZ



Renewable Energy

Photovoltaic Systems

Power generators
Charge controllers
Inverters

Key Features

Ultra wide input voltage range
High Isolation between circuits
Cold startup temperature: -40°C
OLP, Continuous SCP

Wind Turbines

Turbine generators
Charge controllers
Inverters

Key Features

Ultra wide input voltage range
High Isolation between circuits
Cold startup temperature: -40°C
OLP, Continuous SCP

Fast Power Transfer

IGBT drivers
SiC drivers

Key Features

Extremely low Isolation capacitance
High Isolation between circuits

Fast Power Transfer - DC/DC Converters

Please see page 20 for solutions to enhance EMC compliance

Series	Power (W)	Input (VDC)	Output (VDC)	Operating Temperature (°C)	Isolation	Case	Isolation Capacitance (pF)
AM1DC-Z	1	5, 9, 12, 15, 24	15/-9	-40 to +85	6k VDC	SIP7	10
AM1DG-NZ	1	15	9, 9/-9	-40 to +105	3k VDC	SIP7	6.6
AM2DG-NZ	2	12, 15, 24	15/-8.7, 15/-3.5, 17/-8.7	-40 to +105	3.5k VAC	SIP7	3.5-6
AM3DG-NZ	3	12, 15, 24	20/-4, 15/-8	-40 to +105	3.5k VAC	SIP7	3.5
AM5TG-NZ	5	12, 24	15/-9	-40 to +85	3k VDC	DIP24	50-100
AM5NG-NZ	5	15	15/-9	-40 to +85	4k VAC	DIP24	3



Photovoltaic Systems and Wind Turbines - DC/DC Converters

Series	Power (W)	Input (VDC)	Output (VDC)	Operating Temperature (°C)	Isolation (VAC)	Dimensions (In)	Features
AM5W-NZ	5	100-1000	5	-40 to +70	4k	2.76 x 1.89	CSP, OCP, OVP, Reversed connection protection
AM10W-NZ	10	100-1000 200-1500	5, 9, 24	-40 to +70	4k	2.76 x 1.89 4.92 x 2.95	CSP, OCP, OVP, Reversed connection protection
AM40EW-NZ	40	40-160	3.3, 5, 12, 15, 24, 48	-40 to +85	1.5k	2 x 1	CSP, OCP, OVP, Reversed connection protection
AM40W-NZ	40	200-1200 200-1500	12,15, 24	-40 to +70	4k	3.5 x 2.5 4.92 x 2.95	CSP, OCP, OVP, Reversed connection protection
AM45W-NST	45	150-1500	15	-40 to +85	4k	5.69 x 4.13	CSP, OCP, OVP, Reversed connection protection
AM50W-NZ	50	80-750	12, 24	-40 to +70	4k	4.29 x 2.30	CSP, OCP, OVP, Reversed connection protection
AM200W-NZ	200	300-1500	24,48	-40 to +70	2k, 4k	8.47 x 4.92	CSP, OCP, OVP, Reversed connection protection



AM45W-NST



AM40W-NZ



AM3A-Z

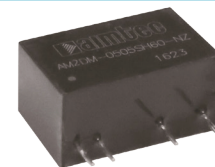


Medical

Key Features

Ultra-low leakage current

2 x MOPP, 2 x MOOP & 1 x MOPP



AM2DM-NZ

DC/DC Converters

Please see page 20 for solutions to enhance EMC compliance

Series	Power (W)	Input (VAC)	Single Output (VDC)	Dual Output (VDC)	Operating Temperature (°C)	Isolation (VAC)	Dimensions	Features	Means of Protection	Safety
AM1DM-NZ	1	3.3, 5, 15, 24 VDC	3.3, 5, 12, 24	±5, ±9, ±12, ±15	-40 to +85	4.2k	SIP7	SCP	2 X MOOP	CE, UL
AM2DM-NZ	2	5, 12, 24 VDC	5, 12, 15	±5, ±9, ±12, ±15	-40 to +85	4.2k	SIP7	SCP	2 X MOOP	CE, UL
AM10TWM-YZ	10	9-36, 18-75	3.3, 5, 12, 15	±5, ±12, ±15	-40 to +90	5k	0.79 x 1.24"	CSP, OCP, OVP	2 x MOPP	CE
AM20EWM-NZ	20	9-36, 18-75	3.3, 5, 12, 15, 24	-	-40 to +85	5k	2.03 x 1.04"	CSP, OCP, OVP	2 x MOPP	CE

AC/DC Converters

Series	Power (W)	Input (VAC)	Single Output (VDC)	Dual Output (VDC)	Operating Temperature (°C)	Isolation (VAC)	Dimensions	Features	Means of Protection	Safety
AMEL5-MAZ	5	90-264	3.3, 5, 12, 15, 24	±5, ±12, ±15	-40 to +80	4k	2.03 x 1.1"	CSP, OLV, OVP	2 x MOOP	CE, UL
AMEL10-MJZ	10	85-264	3.3, 5, 9, 12, 15, 24	-	-25 to +70	4k	2.11 x 1.13"	CSP, OCP, OVP	2 X MOPP	CE, UL
AMEL10-MAZ	10	90-264	3.3, 5, 12, 15, 24	-5/5, ±3.3/5, ±3.3/12, ±3.3/15, 3.3/24, ±5/12, ±5/15, 5/24, -12/12, ±12/15, 12/24, 15/24	-40 to +70	4k	2.22 x 1.21"	CSP, OLP, OVP	2 x MOOP	CE, UL



AC/DC Converters Cont'd

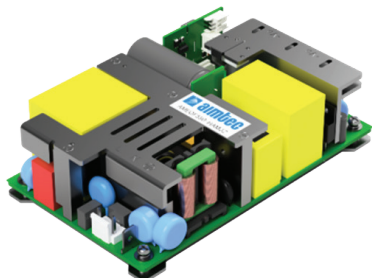
Series	Power (W)	Input (VAC)	Single Output (VDC)	Dual Output (VDC)	Operating Temperature (°C)	Isolation (VAC)	Dimensions	Features	Means of Protection	Safety
AME15-MJZ	15	85-264	5, 12, 15, 18, 24	-	-40 to +70	4k	2.44 x 1.77"	CSP, OCP, OVP	2 X MOPP	CE, UL
AME15-277HAVZ	15	85-305	3.3, 5, 9, 12, 15, 24	-	-40 to +85	4k	1.87 x 1.06"	CSP, OCP, OVP	2 x MOOP	CE, UL
AME15-MAZ	15	90-264	3.3, 5, 12, 15, 24	±5, ±12, ±15	-40 to +85	4k	2.56 x 1.83"	SCP, OLP, OVP	2 x MOOP	CE, UL
AME15-277WHAJZ	15	85-305	3.3, 5, 9, 12, 15, 24	-	-40 to +85	4.2k	1.87 x 1.06"	CSP, OCP, OVP	2 x MOOP	CE, UL
AMEL20-MAZ	20	90-264	3.3, 5, 12, 15, 24	-5/5, ±3.3/5, ±3.3/12, ±3.3/15, 3.3/24, ±5/12, ±5/15, 5/24, -12/12, ±12/15, 12/24, 15/24	-40 to +70	4k	2.22 x 1.21"	CSP, OLP, OVP	2 x MOOP	CE, UL
AMEL20-277HAVZ	20	85-305	3.3, 5, 9, 12, 15, 24	-	-40 to +85	4k	2.06 x 1.07"	CSP, OCP, OVP	2 x MOPP	CE, UL
AME25-MJZ	25	85-264	5, 12, 15, 18, 24	-	-40 to +70	4k	2.75 x 1.89"	CSP, OCP	2 X MOPP	CE, UL
AME30-MAZ	30	90-264	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	-40 to +85	4k	3.56 x 2.48"	SCP, OCP, OVP	2 x MOOP	CE, UL
AME40-MAZ	40	90-264	3.3, 5, 12, 15, 24	±5, ±12, ±15, ±24	-40 to +85	4k	3.56 x 2.48"	SCP, OCP, OVP	2 x MOOP	CE, UL
AMEOF45-HAMJZ	45	80-264	3.3, 5, 12, 15, 24, 36, 48	-	-40 to +85	4k	3.00 x 2.00"	SCP, OCP, OVP	2 x MOPP	CE, UL



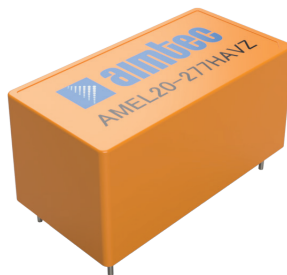
Medical

AC/DC Converters Cont'd

Series	Power (W)	Input (VAC)	Single Output (VDC)	Operating Temperature (°C)	Isolation (VAC)	Dimensions	Features	Means of Protection	Safety
AMEOF65-HAMJZ	65	80-264	3.3, 5, 12, 15, 24, 36, 48	-40 to +85	4k	3.00 x 2.00"	SCP, OCP, OVP	2 x MOOP	CE, UL
AMEOF120-HAMJZ	120	85-264	12, 15, 24, 27, 36, 48, 54	-40 to +85	4k	3.00 x 2.00"	SCP, OCP, OVP, OTP	2 x MOPP	CE, UL
AMEOF225-HAMJZ	225	85-264	12, 15, 24, 27, 36, 48, 54	-40 to +70	4k	4.00 x 2.00"	SCP, OCP, OVP, OTP	2 x MOPP	CE, UL
AMEOF350-HAMJZ	350	90-264	12, 15, 24, 27, 36, 48, 54	-40 to +70	4k	5.00 x 3.00"	SCP, OCP, OVP, OTP	2 x MOPP	CE, UL
AMEOF450-HAMJZ	450	90-264	12, 15, 24, 27, 36, 48,	-40 to +70	4k	5.00 x 3.00"	SCP, OCP, OVP, OTP	2 x MOPP	CE, UL
AMEOF550-HAMJZ	550	90-264	3.3, 5, 12, 15, 24, 36, 48	-40 to +70	4k	5.00 x 3.00"	SCP, OCP, OVP, OTP	2 x MOPP	CE, UL
AMESP600-MNZ	600	80-277	12, 15, 24, 27, 36, 48	-40 to +70	4k	8.00 x 4.00"	SCP, OCP, OVP, OTP	2 x MOPP	CE
AMEOF700-HAMJZ	700	90-264	12, 15, 24, 27, 36, 48, 54	-40 to +70	4k	5.00 x 3.00"	SCP, OCP, OVP, OTP	2 x MOPP	CE
AMESP1000-MNZ	1000	90-264	12, 15, 24, 27, 36, 48, 54	-40 to +70	4k	7.48 x 5.00"	SCP, OCP, OVP, OTP	2 x MOPP	CE



AMEOF550-HAMJZ



AMEL20-277HAVZ



AM10TWM-YZ



IoT

Remote Control Systems

Automatic garage doors
Interior lighting
Alarms
Fire detectors
HVAC
Energy meters
Water meters
Gas meters
Building Controls
Exterior Lighting

Elevators

Displays
Communication systems
Safety Monitor

Key Features

High Isolation between circuits
Small Packages
Up to 528VAC Input Voltage
Low no load consumption
EN55032 Class B EMI emissions
Remote On/Off control

IoT - AC/DC Converters

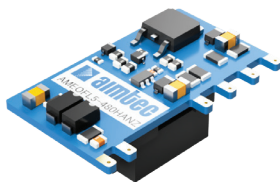
Series	Power (W)	Input (VAC)	Single / Dual Output (VDC)	No Load (W)	Isolation (VAC)	Dimensions	Features	Safety
AMESR-277NZ	1, 3	85-305	5, 12	-	-	0.64 x 0.59"	SCP, OCP, OVP	CE
AMEM3-277HAVZ	3	85-305	3.3, 5, 9, 12, 15, 24	-	4k	1 x 1"	SCP, OCP, OVP	CE, UL
AMEOFL3-277HANZ	3	85-305	3.3, 5, 9, 12, 15, 24	-	3k	1.04 x 0.50"	SCP, OCP, OVP	CE, UL
AMEM5-277HAVZ	5	85-305	3.3, 5, 9, 12, 15, 24	-	4k	1 x 1"	SCP, OCP, OVP	CE, UL
AMEOF5-BJZ	5	90-528	3.3, 5, 9, 12, 15, 24	<0.3	4k	1.75 x 0.94"	SCP, OCP	CE
AMEOFL5-480HANZ	5	90-528	3.3, 5	-	4k	1.32 x 0.68"	SCP, OCP	CE, UL



IoT - AC/DC Converters

Please see page 20 for solutions to enhance EMC compliance

Series	Power (W)	Input (VAC)	Single / Dual Output (VDC)	No Load (W)	Isolation (VAC)	Dimensions	Features	Safety
AMEOFL5-277HANZ	5	85-305	3.3, 5, 9, 12, 15, 24		3.6k	1.04 x 0.58	SCP, OCP	CE, UL
AMEL10-277HAVZ	10	85-305	3.3, 5, 9, 12, 15, 24	-	4k	1.58 x 1.00"	SCP, OCP, OVP	CE, UL
AME10-BJZ	10	90-528	3.3, 5, 9, 12, 15, 24	<0.75	4k	2.44 x 1.77"	SCP, OCP, OVP	CE
AMEOFL10-480PEVZ	10	85-528	3.3, 5, 9, 12, 15, 24	-	4k	1.50 x 0.79"	SCP, OCP	CE
AMEL15-277HAVZ	15	85-305	3.3, 5, 9, 12, 15, 24	-	4k	1.87 x 1.06"	SCP, OCP, OVP	CE, UL
AMEL20-277HAVZ	20	85-305	3.3, 5, 9, 12, 15, 24	-	4k	2.06 x 1.07"	SCP, OCP, OVP	CE, UL
AME20-BJZ	20	90-528	3.3, 5, 9, 12, 15, 24	<0.75	4k	2.76 x 1.89"	SCP, OCP, OVP	CE, UL
AMEL30-277HAVZ	30	85-305	3.3, 5, 9, 12, 15, 24, 48	-	4.2k	2.74 x 1.54"	SCP, OCP, OVP	CE, UL
AME30-480JZ	30	176-528	3.3, 5, 9, 12, 15, 24, 48	<0.3	4k	2.76 x 1.89"	SCP, OCP, OVP	CE
AMEL40-277HAVZ	40	85-305	5, 12, 15, 24, 48		4.2k	2.74 x 1.54"	SCP, OCP, OVP	CE, UL
AMEL60-277HAVZ	60	85-305	5, 12, 15, 24, 48		4.2k	2.76 x 1.88"	SCP, OCP, OVP	CE, UL
AMEL90-277HAVZ	90	85-305	12, 15, 24, 48	-	4.2k	3.43 x 2.05"	SCP, OCP, OVP	CE, UL



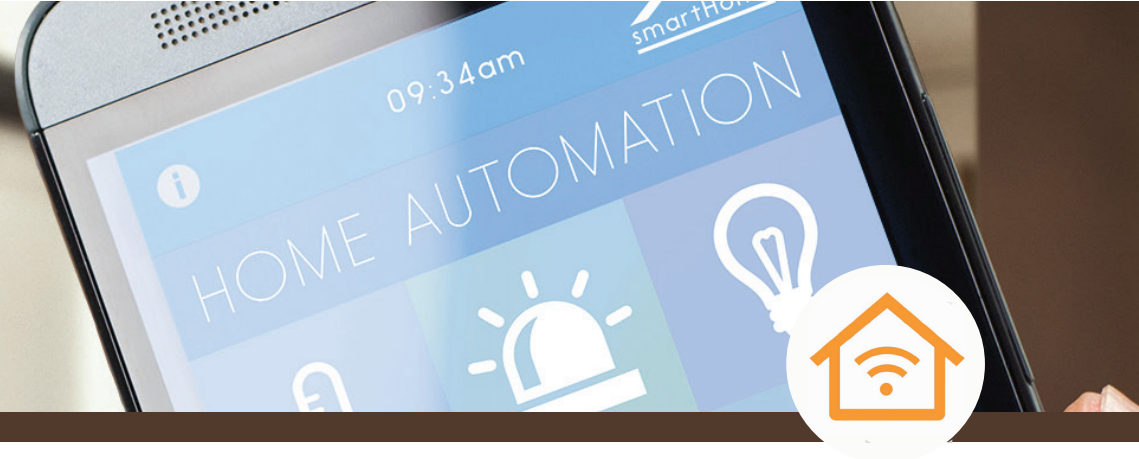
AMEOFL5-480HANZ



AME30-480JZ



AMEL90-277HAVZ



IoT - DC/DC Converters

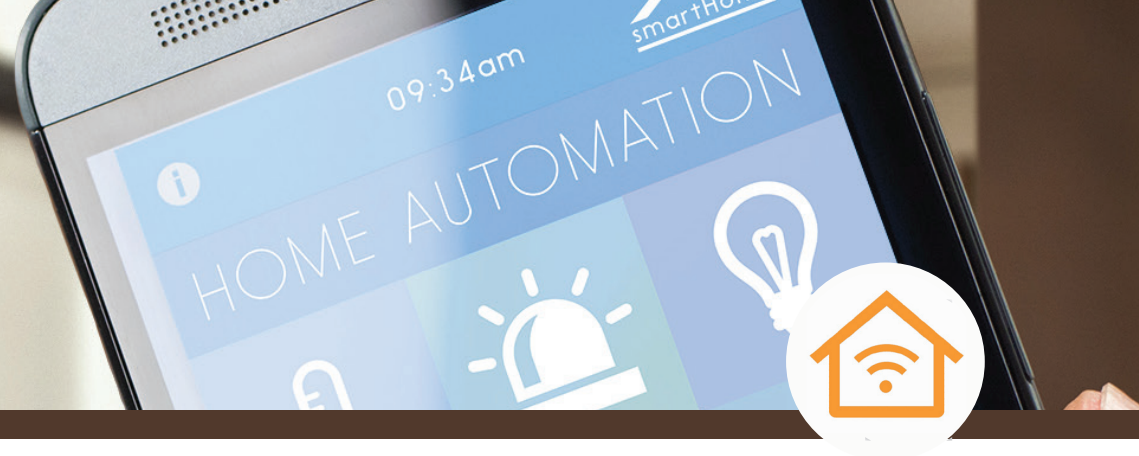
Series	Input (VDC)	Single Output (VDC)	Dual Output (VDC)	Isolation (VDC)	Package	Features	Safety
AM1DR-VZ	12, 15, 24	3.3, 5, 9, 12, 15	-	3k	SIP7	SCP	CE
AM1DS-JZ	3.3, 5, 12, 15, 24	3.3, 5, 7.2, 9, 12, 15, 24	$\pm 3.3, \pm 5, \pm 9, \pm 12, \pm 15, \pm 24$	1.5k, 3K	SIP7	SCP	CE, UL
AM1DS-RZ	3.3, 5, 12, 24	3.3, 5, 12, 15	$\pm 3.3, \pm 5, \pm 12, \pm 15$	3k, 6k	SIP7	CSP	CE
AM1LO	3.3, 5	3.3, 5	$\pm 3.3, \pm 5$	4.2K	SMD	SCP	CE, UL
AM1LR-JZ	5, 12, 15, 24	3.3, 5, 9, 12, 15	-	1.5K, 3K	SMD	SCP	CE
AM1LS-JZ	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	$\pm 3.3, \pm 5, \pm 7.5, \pm 9, \pm 12, \pm 15, \pm 24$	1.5K, 3K	SMD	SCP	CE, UL
AM1LS-UZ	5	5	-	4K, 4.2K	SMD	CSP	CE
AM1LS-XZ	5	5	-	1.5k	SMD	-	CE, UL
AM1LS-VZ	3.3, 5, 12, 24	3.3, 5, 9, 12, 15, 24	$\pm 3.3, \pm 5, \pm 9, \pm 12, \pm 15, \pm 24$	1.5K, 3K	SMD	SCP	CE, UL
AM1M-JZ	12, 15, 24	5, 12, 15	$\pm 5, \pm 9, \pm 12, \pm 15$	3K	DIP14	SCP	CE
AM1MS-UZ	5	5	5/5	1.5K	DIP14	CSP	CE
AM1PS-JZ	3.3, 5, 12, 15, 24	3.3, 5, 7.2, 9, 12, 15, 24	-	1.5K, 3K	DIP8	SCP	CE, UL
AM1SR-JZ	5, 12, 24	3.3, 5, 9, 12, 15	-	1.5K	SIP4	SCP	CE
AM1LD-NZ	5	5		3k	SMD	SOP	CE
AM1PR-NZ	9-18, 18-36	3.3, 5, 12, 15, 24	$\pm 5, \pm 9, \pm 12, \pm 15$	1.5k	SMD/DIP	SOP	CE



IoT - DC/DC Converters

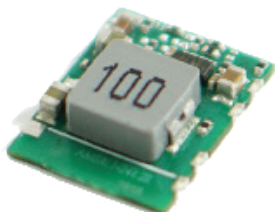
Please see page 20 for solutions to enhance EMC compliance

Series	Input (VDC)	Single Output (VDC)	Dual Output (VDC)	Isolation (VDC)	Package	Features	Safety
AM1SS-JZ	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	-	1.5K	SIP4	SCP	CE, UL
AM2DS-JZ	5, 12, 15, 24	3.3, 5, 7.2, 9, 12, 15, 18, 24	±3.3, ±5, ±7.5, ±9, ±12, ±15, ±24	1.5K, 3K	SIP7	SCP	CE, UL
AM2DS-RZ	3.3, 5, 12, 24	3.3, 5, 12, 15	±3.3, ±5, ±12, ±15	3K, 6K	SIP7	CSP	CE
AM2LO-Z	3.3, 5	3.3, 5	±3.3, ±5	4.2K	SMD	SCP	CE
AM2LS-JZ	5, 12, 15, 24	3.3, 5, 7, 9, 12, 15, 24	-	1.5K, 3K	SMD	SCP	CE
AM2M-JZ	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	±3.3, ±5, ±7, ±9, ±12, ±15, ±24	1.5k, 3K	DIP14	SCP	CE
AM2SS-JZ	5	5, 9, 12, 15, 24	-	1.5k	SIP4	SCP	CE
AMDG-JZ	5, 12, 15, 24	-	15/-2.5, 15/-4, 15/-5, 18/-3, 18/-3.5, 20/-4, 20/-5	5K	SIP7	-	CE
AMDGT-JZ	5, 12, 15, 24	-	15/-8.3, 15/-8.7, 15/-8.8	5K	SIP7	SCP	CE
AM3GO-NZ	48	5, 12, 15, 24	-	1.5K	SIP8	SCP, OCP	CE
AM6GO-NZ	48	5, 12, 15, 24	-	1.5K	SIP8	SCP, OCP	CE
AM10SBO-NZ	48	5, 12, 15, 24	-	1.5K	1/16 brick	SCP, OCP, OVP	CE
AM30SBO-NZ	48	5, 12, 15, 24, 28	-	1.5K	1/16 brick	SCP, OCP, OVP, OTP	CE
AM100EBO-NZ	48	5, 12, 15, 24, 28	-	1.5K	1/8 brick	SCP, OCP, OVP, OTP	CE



IoT - Switching Regulators

Series	Input (VDC)	Single Output (VDC)	Output Current (A)	Operating Temperature (°C)	Case	Safety
AMSR2-78JZ	6-36	3.3, 5, 9, 12, 15	2	-40 to +85	SIP3	CE
AMSR-78Z	4.75-34	1.5, 1.8, 2.5, 3.3, 5, 6.5, 7.2, 9, 12, 15	0.5	-40 to +85	SIP3	CE
AMSRL1-78JZ	4.75-36	1.5, 1.8, 2.5, 3.5, 5, 6.5, 9, 12	1	-40 to +85	SMD	CE
AMSRO1-78-NZ	6-36	-15, -12, -5, 3.3, 5, 12, 15	1	-40 to +85	SIP3	CE, UL
AMSRO-78-NZ	4.75-36	-15, -12, -5, 3.3, 5, 12, 15	0.5	-40 to +85	SIP3	CE, UL
AMSRL-Z	9-72	3.3, 5, 6.5, 7.2, 9, 12, 15	0.5	-40 to +105	Open Frame SMD	CE
AMSRL1-Z	3-36	1.2, 1.5, 1.8, 2.5, 3.3, 5, 6.5, 9, 12, 15	1	-40 to +105	Open Frame SMD	CE
AMSRD-NZ	4.5-36	±3.3, ±5, ±6.5, ±9, ±12, ±15	0.5	-40 to +105	DFN	CE



AMSRL1-Z



AMSR2-78JZ



AMSRL1-78JZ



EMC Filters

Designed to work in combination
with Aimtec converters

Achieve significant improvements to
EMI and EMC performance

PCB mountable potted packages

EMC Filters - Applicable Everywhere

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



Telecom - DC/DC Converters

Series	Power (W)	Input (VDC)	Single Output (VDC)	Dual Output (VDC)	Operating Temperature (°C)	Isolation (VDC)	Case	Safety
AM1DS-JZ	1	3.3, 5, 12, 15, 24	3.3, 5, 7.2, 9, 12, 15, 24	±3.3, ±5, ±9, ±12, ±15, ±24	-40 to +105	1.5k, 3k	SIP7	CE, UL
AM1LR-JZ	1	5, 12, 15, 24	3.3, 5, 9, 12, 15	-	-40 to +85	3k	SMD	CE
AM1LS-JZ	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	±5, ±9, ±12, ±15, ±24	-40 to +8105	1.5k, 3k	SMD	CE, UL
AM1SS-JZ	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	-	-40 to +105	1.5k	SIP4	CE, UL
AM3GO-NZ	3	48	5, 12, 15, 24	-	-40 to +85	1.5k	open frame	CE
AM6GO-NZ	6	48	5, 12, 15, 24	-	-40 to +85	1.5k	open frame	CE
AM10SBO-NZ	10	48	5, 12, 15, 24	-	-40 to +85	1.5k	1/16 brick	CE
AM30SBO-NZ	30	48	5, 12, 15, 24, 28	-	-40 to +85	1.5k	1/16 brick	CE
AM100EBO-NZ	100	48	5, 12, 15, 24, 28	-	-40 to +105	1.5k	1/8 brick	CE

Telecom - DC/DC Switching Regulators

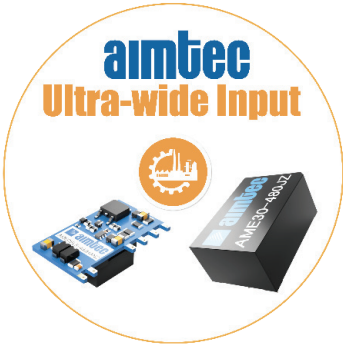
Series	Input (VDC)	Single Output (VDC)	Output Current (A)	Operating Temperature (°C)	Case	Safety
AMSRL6-NZ	8.3-14	0.75-5	6.00	-40 to +85	SMD	CE
AMSRL10-NZ	8.3-14	0.75-5	10.00	-40 to +85	SMD	CE
AMSRL16-NZ	8.3-14	0.75-5	16.00	-40 to +85	SMD	CE



Ultra-wide Input Voltage Range

Key Features

- Ultra-wide Input Voltage Range
- Encapsulated & Open Frame
- 4000VAC of Isolation



3 Phase - AC/DC Converters

Series	Power (W)	Input (VAC)	Single Output (VDC)	Dual Output (VDC)	Operating Temperature (°C)	Isolation (VAC)	Dimensions	Safety
AMEOF5-BJZ	5	90-528	3.3, 5, 9, 12, 15, 24	-	-40 to +85	4k	1.75 x 0.94"	CE
AMEOFL5-480HANZ	5	90-528	3.3, 5, 9, 12, 15, 24	-	-40 to +85	4k	1.32 x 0.68"	CE
AMEOFL10-480PEVZ	10	85-528	3.3, 5, 9, 12, 15, 24	-	-40 to +85	4k	1.50 x 0.79"	CE
AME10-BJZ	10	90-528	3.3, 5, 9, 12, 15, 24	-	-40 to +70	4k	2.44 x 1.77"	CE
AME20-BJZ	20	90-528	3.3, 5, 9, 12, 15, 24	-	-40 to +70	4k	2.76 x 1.89"	CE
AME30-480JZ	30	176-528	3.3, 5, 9, 12, 15, 24, 48	-	-40 to +85	4k	2.76 x 1.89"	CE
AMEOF70-900NZ	70	85-900	24, 28, 35	-	-20 to +70	4k	6.10 x 3.74"	CE
AMED120-480NZ	120	254-848	12, 24, 48	-	-25 to +70	4k	4.88 x 4.33"	CE, UL



Lighting

Outdoor

High bay lights
Street lights
Area Lights

Key Features

Cold startup temperature: -40°C or -55°C
Input Voltage up to 305VAC
IP67 or IP68 (submersible)
Dimming

Indoor

Interior
Entertainment Lights

Key Features

60W and lower
Dimming

Indoor - AC/DC LED Drivers

Series	Input (VAC)	Single Output (VDC)	Output Current (A)	Isolation (VAC)	Dimming	Operating Temperature (°C)	IP Rating	Safety
AMEPR5-AZ	90-264	3-5, 2-6, 5-12, 6-14, 8-16	1, 0.7, 0.36, 0.35, 0.3	3k	-	0 to +80	IP67	CE
AMEPR8D-AZ	90-264	6-12, 9-18, 12-24	0.7, 0.4, 0.35	3k	TRIAC	-20 to +85	IP67	CE
AMEPR10-Z	90-264	18-26, 23-33, 30-42	0.24, 0.29	3.75k	-	-20 to +50	IP20	CE
AMEPR10D-AZ	90-264	5-12, 8-15, 15-30, 24-36, 30-40, 36-50	0.7, 0.64, 0.35, 0.3, 0.25, 0.2	3k	TRIAC	-20 to +80	IP20, IP67	CE
AMEPR15D-AZ	90-264	8-15, 12-24, 24-36, 30-48, 36-50	1, 0.7, 0.5, 0.35, 0.3	3k	TRIAC	-20 to +80	IP20, IP67	CE
AMEPR16-Z	90-264	24-42, 40-58, 30-42	0.29, 0.36	3.75k	-	-20 to +50	IP20	CE
AMEPR25D-AZ	180-264	12-24	1	3k	TRIAC	-20 to +80	IP67	CE
AMEPR30-Z	90-264	24-42	0.5, 0.6, 0.7	3.75k	-	-30 to +50	IP20	CE



Indoor - AC/DC LED Drivers

Series	Input (VAC)	Single Output (VDC)	Output Current (A)	Isolation (VAC)	Dimming	Operating Temperature (°C)	IP Rating	Safety
AMEPR30N-Z	90-305	24-42	0.5, 0.6, 0.7	3.75k	-	-30 to +50	IP62	CE
AMEPR30NC-Z	90-305	24-42	0.5, 0.6, 0.7	3.75k	Resistive, Analog, PWM	-30 to +50	IP62	CE
AMEPR30D-AZ	90-264	8-15, 12-24, 24-36, 32-42, 36-50	2, 1.4, 1.25, 1, 0.7	3k	TRIAC, Analog, PWM	-20 to +80	IP67	CE
AMEPR30-AZ	90-305	5-12, 12-24, 24-36, 36-48, 36-50	2.5, 1.4, 1, 0.64, 0.7	3.75k	Resistive	-40 to +85	IP68	CE
AMEPR30C-AZ	90-305	5-12, 12-24, 24-36, 36-48, 36-50	2.5, 1.4, 1, 0.64, 0.7	3.75k	Resistive, Analog, PWM	-40 to +85	IP68	CE
AMEPR40-Z	90-264	80-100, 30-42	1, 0.4	3.75k	-	-20 to +50	IP20	CE
AMEPR40N-Z	90-305	24-42	1, 0.9, 0.85, 0.8	3.75k	-	-30 to +50	IP62	CE
AMEPR50N-Z	90-264	30-42	1.15, 1.05, 1	3.75k	-	-40 to +50	IP54	CE
AMEHR50-Z	90-385	24-42	1.2, 1, 0.85, 0.7	3750	Resistive, Analog, PWM	-40 to +85	IP20	CE
AMEPR60N-Z	90-264	24-42	1.4	3.75k	-	-40 to +50	IP54	CE



Outdoor - AC/DC LED Drivers

Series	Input (VAC)	Single Output (VDC)	Output Current (A)	Isolation (VAC)	Dimming	Operating Temperature (°C)	IP Rating	Safety
AMER40(N)-Z	90-305	30-42	0.75, 0.9	3750	-	-40 to +60	IP67	CE
AMER50(N)-Z	90-305	30-42	1.05, 1.2	3750	-	-40 to +60	IP67	CE
AMEQR50N-Z	90-305	36-50	1	3750	-	-40 to +60	IP67	CE
AMEPR60-AZ	90-305	5-12, 12-24, 24-36, 36-50	5, 2.5, 1.7, 1.2	3000	Resistive, Analog, PWM	-40 to +85	IP68	CE
AMEPR60C-AZ	90-305	5-12, 12-24, 24-36, 36-50	5, 2.5, 1.7, 1.2	3000	Resistive, Analog, PWM	-40 to +85	IP68	CE
AMER60(N)-Z	90-305	24-42	1.6, 1.5, 1.4, 1.3	3750	-	-40 to +60	IP67	CE
AMER60-12VC	90-295	12	5	3750	-	-25 to +70	IP68	CE
AMEQR70N-Z	90-305	36-50	1.4	3750	-	-40 to +60	IP67	CE
AMER72N-Z	90-305	12-24	3	3750	-	-40 to +60	IP67	CE
AMER90C-Z	90-305	35-70	1.2	3750	Resistive, Analog, PWM	-40 to +70	IP67	CE
AMER130-Z	90-305	35-55	2.4	3750	-	-40 to +70	IP67	CE
AMER160-Z	90-305	15-48, 30-55	3.4, 3.2, 2.9,	3750	-	-40 to +70	IP67	CE
AMER175-Z	90-305	15-48	3.6	3750	-	-40 to +70	IP67	CE
AMER250C-Z	90-305	12-24, 21-42	5/10, 3/6	3750	Resistive, Analog, PWM	-40 to +70	IP67	CE

DIN Rails - AC/DC Converters

Series	Power (W)	Input (VAC)	Single Output (VDC)	Operating Temperature (°C)	Isolation (VDC)	Dimensions	Safety
AMED15-NZ	15	85-264	5, 12, 15, 24, 48	-40 to +70	4k	3.54 x 0.69 x 2.28"	CE
AMED30-NZ	30	85-264	5, 12, 15, 24, 48	-40 to +70	4k	3.45 x 1.38 x 2.28"	CE, UL
AMED60-NZ	60	85-264	5, 12, 15, 24, 48	-40 to +70	4k	3.45 x 2.05 x 2.28"	CE, UL
AMED75-JZ	75	90-264	12, 24, 48	-30 to +70	4k	3.44 x 1.26 x 4.92"	CE
AMED75-NZ	75	90-264	12, 24, 48	-30 to +70	4k	4.72 x 1.18 x 5.04"	CE
AMED100-NZ	100	85-264	12, 15, 24, 48	-40 to +70	4k	3.45 x 2.76 x 2.28"	CE, UL
AMED120-JZ	120	90-264	12, 24, 48	-20 to +60	4k	3.94 x 1.42 x 4.92"	CE
AMED120-NZ	120	85-264	12, 24, 48	-25 to +70	4k	4.79 x 1.38 x 5.11"	CE
AMED120-480NZ	120	180-600	12, 24, 48	-25 to +70	4k	4.33 x 1.61 x 4.88"	CE
AMED150-NZ	150	85-264	12, 15, 24, 48	-30 to +70	4k	3.54 x 2.28 x 4.13"	CE
AMEDP240-NZ	240	85-264	12, 24, 48	-40 to +70	3k	4.33 x 2.13 x 4.88"	CE
AMEDP480-NZ	480	85-264	24, 48	-30 to +70	3k	4.92 x 1.89 x 5.18"	CE



Eagle Series - AC/DC Converters

Series	Power (W)	Input (VAC)	Single Output (VDC)	Multiple Output (VDC)	Operating Temperature (°C)	Isolation (VDC)	Dimensions	Safety
AMES15-277NZ	15	85-305	3, 5, 12, 15, 24, 48	-	-30 to +70	4k	2.56 x 2.16"	CE, UL
AMES25-277NZ	25	85-305	3, 5, 12, 15, 24, 48	-	-30 to +70	4k	3.15 x 2.16"	CE, UL
AMES35-NZ	35	85-264	5, 12, 15, 24	5/12, 5/24 +5/12/-12, +5/+15/-15, +5/+24/+12	-30 to +70	4k	3.90 x 3.23", 3.90 x 3.82"	CE, UL
AMES35-277NZ	35	85-305	5, 12, 15, 24	-	-30 to +70	4k	3.90 x 3.23"	CE, UL
AMES50-NZ	50	85-264	5, 12, 15, 24, 36, 48	5/12, 5/24 +5/12/-12, +5/+15/-15, +5/+24/+12	-30 to +70	4k	3.90 x 3.23", 3.90 x 3.82"	CE, UL
AMES50-277NZ	50	85-305	5, 12, 15, 24, 36, 48	-	-30 to +70	4k	3.90 x 3.23"	CE, UL
AMES75-NZ	75	85-264	5, 12, 15, 24, 36, 48	5/12, 5/24 +5/12/-12, +5/+15/-15, +5/+24/+12	-30 to +70	4k	3.90 x 3.23", 5.07 x 3.82"	CE, UL

Eagle Series - AC/DC Converters Cont'd

Series	Power (W)	Input (VAC)	Single Output (VDC)	Multiple Output (VDC)	Operating Temperature (°C)	Isolation (VDC)	Dimensions	Safety
AMES75-277NZ	75	85-305	5, 12, 15, 24, 36, 48	-	-30 to +70	4k	3.90 x 3.82"	CE, UL
AMES100-NZ	100	85-264	5, 12, 15, 24, 36, 48	5/12, 5/24 +5/12/-12, +5/+15/-15, +5/+24/+12	-30 to +70	4k	5.08 x 3.82", 6.26 x 3.82"	CE, UL
AMES100-277NZ	100	85-305	12, 15, 24, 48	-	-30 to +70	3k	5.08 x 3.82"	CE, UL
AMES150-NZ	150	85-264	12, 15, 24, 36, 48	-	-30 to +70	4k	6.26 x 3.82"	CE, UL
AMES150-277NZ	150	85-305	12, 15, 24, 48	-	-30 to +70	4k	6.26 x 3.82"	CE, UL
AMES200-NZ	200	90-264	5, 12, 15, 24, 48	-	-30 to +70	3k	7.05 x 3.90"	CE, UL
AMES350-NZ	350	90-264	5, 12, 15, 24, 36, 48	-	-30 to +70	3k	8.46 x 4.53"	CE, UL
AMES600-NZ	600	90-132, 180-264	12, 15, 24, 27, 36, 48	-	-40 to +70	4k	8.85 x 4.88"	CE, UL
with PFC								
AMESP75-277NZ	75	85-305	5, 12, 15, 24, 48	-	-30 to +70	4k	6.26 x 3.82	CE
AMESP100-277NZ	100	85-305	12, 15, 24, 36, 48	-	-30 to +70	4k	7.05 x 3.90"	CE, UL
AMESP150-277NZ	150	85-305	5, 12, 15, 24, 36, 48	-	-30 to +70	4k	7.05 x 3.90"	CE, UL
AMESP200-277NZ	200	85-305	5, 12, 24, 36, 48	-	-30 to +70	4k	8.46 x 4.52", 7.05 x 3.90"	CE, UL
AMESP320-277NZ	320	85-305	5, 12, 15, 24, 48	-	-30 to +70	4k	8.46 x 4.53"	CE, UL
Narrow form factor with PFC								
AMESP200U-277JZ	200	85-305	5, 12, 24, 36, 48	-	-40 to +70	4k	7.71 x 2.16"	CE
AMESP350U-277JZ	350	85-305	5, 12, 24, 36, 48	-	-40 to +85	4k	8.66 x 2.44"	CE
AMESP500U-277JZ	500	85-605	5, 12, 24, 36, 48, 55	-	-40 to +85	4k	9.13 x 3.19"	CE
Medical with PFC								
AMESP600-MNZ	600	80-277	12, 15, 24, 27, 36, 48	-	-40 to +70	4k	8.00 x 4.00"	CE
AMESP1000-MNZ	1000	90-264	12, 15, 24, 27, 36, 48, 54	-	-40 to +70	4k	7.48 x 5.00"	CE



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