



# PRODUCT CATALOGUE 2024

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# The Company

Antons manufactures a variety of standard AC/DC and DC/DC power converters from 1W to 1kW, and provides custom power solutions. The company headquarters are located in Hong Kong, China. Manufacture based in Dongguan and Zhuhai, mainland China, includes an advanced research and development center and is supported by a sophisticated quality management system. The products are sold through a worldwide distribution network, and win a high reputation in tens of countries for the quality, reliability, and competitiveness.



**Founded:**  
2006



**Certificates:**  
ISO9001, ISO14001



**Employees:**  
200+



**Land:**  
20000m<sup>2</sup>



# Quality Manufacturing



We adhere to the “quality, reputation, innovation, excellence” concept to manage and improve product quality, with scientific system management, strict process control, on time delivery to meet customer needs and satisfaction. Maximum manufacturing efficiency and reliability using latest factory automation technologies.

# POWER CONVERTERS

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## AC/DC

- / 1 Board Mount, Open Frame
- / 2 Board Mount, Encapsulated

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## DC/DC

- / 3 Non-isolated, Regulators
  - / 4 Isolated, Unregulated
  - / 5 Isolated, Regulated
-

### Board Mount Open Frame



- ▲ Input range 85~305VAC, 85~528VAC
- ▲ Operating temperature range: -40~+85°C
- ▲ Energy saving, standby power only about 0.1W
- ▲ RoHS and REACH compliant
- ▲ Meet EN/IEC 62368-1
- ▲ Meet CISPR32, EN55032 Class B
- ▲ 3 year warranty

## AC/DC CONVERTERS

Board Mount  
Open Frame








- Input range 85~305VAC, 85~528VAC
- Operating temperature range: -40~+85°C
- Energy saving, standby power only about 0.1W
- Available in both Vertical and Horizontal package
- 3 year warranty
- RoHS and REACH compliant
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B

UL Certified

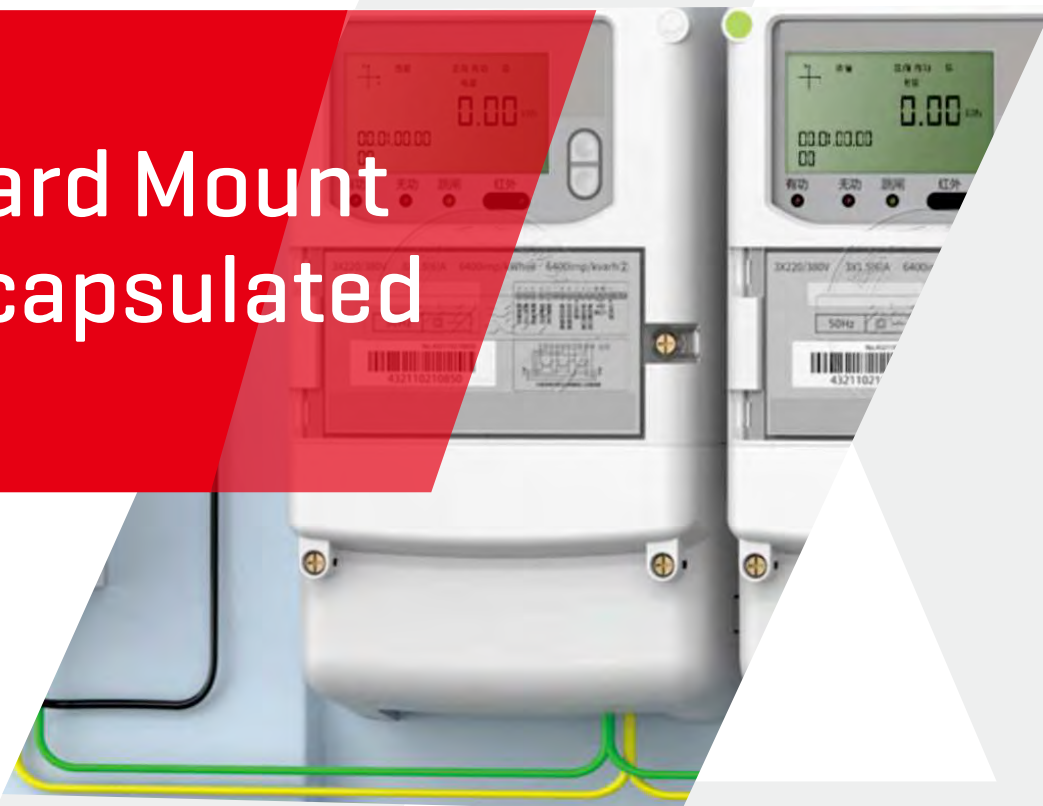
CE – EN/IEC 62368-1

305VAC IN

480VAC IN

IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VAC]	OUTPUT VOLTAGE [VDC]	ISOLATION [VAC]	PACKAGE	SIZE [mm]	FEATURES			
	PNR03S	3	85~305	3.3, 5, 9, 12, 15, 24	4000	SIP, SMD	26.4x11x14.8		■	■	
	PNR05S	5	85~305	3.3, 5, 9, 12, 15, 24	4000	SIP, SMD	26.4x11x14.8		■	■	
	PNR10S	10	85~305	3.3, 5, 9, 12, 15, 24	4000	SIP, SMD	32.0x14.5x17.2		■	■	
	PNR15S	15	85~305	3.3, 5, 9, 12, 15, 24	4000	SIP, SMD	32.0x14.5x17.2		■	■	
	PNW05S	5	85~528	3.3, 5, 9, 12, 15, 24	4000	SIP, SMD	33.5x13x17.2		■	■	■
	PNW10S	10	85~528	3.3, 5, 9, 12, 15, 24	4000	SIP, SMD	38x15.25x20		■	■	■
	PNZR	1 ... 5	85~305	5, 12, 15, 18	None	SIP, SMD	16.1 x 15.1 x 9.5		■	■	

### Board Mount Encapsulated



- ▲ Input range 85~305VAC
- ▲ Operating temperature range: -40~+85°C
- ▲ Energy saving, standby power only about 0.1W
- ▲ Meet IEC/EN/UL 62368-1, EN60335, EN61558
- ▲ Meet CISPR32, EN55032 Class B
- ▲ RoHS and REACH compliant
- ▲ 3 year warranty

## AC/DC CONVERTERS

Board Mount  
Encapsulated










- Input range 85~305VAC
- Operating temperature range: -40~+85°C
- Energy saving, standby power only about 0.1W
- Optional chassis for Chassis Mount or DIN rail Mount
- 3 year warranty
- RoHS and REACH compliant
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B

UL Certified

CE – EN/IEC 62368-1

305VAC IN

Optional Chassis

IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VAC]	OUTPUT VOLTAGE [VDC]	ISOLATION [VAC]	PACKAGE	SIZE [mm]	FEATURES			
	PMR03D	3	85-305	3.3, 5, 9, 12, 15, 24	4000	DIP1"x1"	25.4x25.4x15	■	■	■	
	PMR05D	5	85-305	3.3, 5, 9, 12, 15, 24	4000	DIP1"x1"	25.4x25.4x15	■	■	■	
	PMR10D	10	85-305	3.3, 5, 9, 12, 15, 24	4000	DIP	40x25.4x21		■	■	
	PMR15D	15	85-305	3.3, 5, 9, 12, 15, 24	4000	DIP	40x25.4x21		■	■	
	PMR05H	5	85-305	3.3, 5, 9, 12, 15, 24	4000	DIP	45.7x25.4x21.5	■	■	■	
	PMR10H	10	85-305	3.3, 5, 9, 12, 15, 24	4000	DIP	45.7x25.4x21.5	■	■	■	
	PMR15H	15	85-305	3.3, 5, 9, 12, 15, 24	4000	DIP	47.6x26.8x23.5	■	■	■	
	PMR20H	20	85-305	3.3, 5, 9, 12, 15, 24	4000	DIP	52.4x27.2x24	■	■	■	
	PMR30H	30	85-305	3.3, 5, 9, 12, 15, 24, 48	4200	DIP	69.5x39.0x24	■	■	■	



# Non-isolated Switching Regulators



- ▲ No heatsink required
- ▲ Typical efficiency 93 ... 96%
- ▲ Ultra-wide input voltage range
- ▲ Compatible with LM78 regulators
- ▲ RoHS and REACH compliant
- ▲ Meet UL/EN/IEC 62368-1
- ▲ Meet CISPR32, EN55032 Class B
- ▲ 3 year warranty

## DC/DC CONVERTERS

Non-isolated  
Switching Regulators





- No heatsink required
- Typical efficiency 93 ... 96%
- Ultra-wide input voltage range
- Compatible with LM78 regulators
- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B

IEC EN 62368-1

EN 55032 Class B

-40~+85°C Temp. Range

Optional "L" pinning

IMAGE	SERIES	RATED CURRENT	INPUT VOLTAGE RANGE [VDC]	OUTPUT VOLTAGE [VDC]	EFFICIENCY [%] TYP.	PACKAGE	SIZE [mm]	FEATURES			
	RM05S	0.5A	4.75~36	3.3, 5, 9, 12, 15	80~95	SIP3	11.6x7.55x10.16	■	■	■	
	RM10S	1A	6~36	3.3, 5, 6.5, 9, 12, 15	81~96	SIP3	11.5x9.0x17.5	■	■	■	■
	RM10SN	1A	6~36	3.3, 5, 6.5, 9, 12, 15	80~96	SIP3	11.6x8.0x10.4	■	■	■	
	RM20S*	2A	4.5~36	1.8, 2.5, 3.3, 5, 6.5, 9, 12, 15	79~96	SIP3	11.5x9.0x17.5	■	■	■	■

\* New products to be released in year 2025

## DC/DC Converters Unregulated



- ▲ Cost effective selections
- ▲ Industrial standard pinning
- ▲ Continuous short circuit protected
- ▲ Operating temperature up to +105°C
- ▲ RoHS and REACH compliant
- ▲ Meet UL/EN/IEC 62368-1
- ▲ Meet CISPR32, EN55032 Class B
- ▲ 3 year warranty









## DC/DC CONVERTERS

Isolated, Unregulated  
SMD Package

- Cost effective selections
- Industrial standard pinning
- Continuous short circuit protected
- Operating temperature up to +105°C

- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B

IEC EN 62368-1	EN 55032 Class B	~40~+85°C Temp. Range	~40~+105°C Temp. Range	Continuous S.C.P.
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IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VDC] ±10%	OUTPUT VOLTAGE [VDC]	ISOLATION [KVDC]	PACKAGE	SIZE [mm]	FEATURES				
	ME1TN	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	1.5	SMD	13.7 x 11 x 7.2	■	■	■	■	■
	ME1T	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	1.5	SMD	13.2x8.5x7.25	■	■	■	■	■
	ME1T-D	1	3.3, 5, 12, 15, 24	±3.3, ±5, ±9, ±12, ±15, ±24	1.5	SMD	15.24x8.5x7.25	■	■	■	■	■
	MEK1T	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	3	SMD	13.2x8.5x7.25	■	■	■	■	■
	MEK1T-D	1	3.3, 5, 12, 15, 24	±3.3, ±5, ±9, ±12, ±15, ±24	3	SMD	15.24x8.5x7.25	■	■	■	■	■
	MEK1TL	1	5, 12, 24	3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24	3	SMD	15.24x8.5x7.25	■	■	■	■	■
	ME2T	2	5, 12, 15, 24	3.3, 5, 7, 9, 12, 15, 24	1.5	SMD	13.2x8.5x7.25	■	■	■	■	■
	MEK2T	2	5, 12, 15, 24	3.3, 5, 7, 9, 12, 15, 24	3	SMD	13.2x8.5x7.25	■	■	■	■	■

## DC/DC CONVERTERS

Isolated, Unregulated  
SIP Package

- Cost effective selections
- Industrial standard pinning
- Continuous short circuit protected
- Operating temperature up to +105°C

- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B










IEC EN 62368-1

EN 55032 Class B

~40~+85°C Temp. Range

~40~+105°C Temp. Range

Continuous S.C.P.





IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VDC] ±10%	OUTPUT VOLTAGE [VDC]	ISOLATION [KVDC]	PACKAGE	SIZE [mm]	FEATURES				
	ME1A	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	1.5	SIP4	11.6x6.0x10.16	■	■	■	■	■
	ME2A	2	5, 12, 24	3.3, 5, 9, 12, 15, 24	1.5	SIP4	11.6x7.55x10.16	■	■	■		■
	ME1S	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24	1.5	SIP7	19.65x6.0x10.16	■	■	■	■	■
	ME2S	2	5, 12, 15, 24	3.3, 5, 7.2, 9, 12, 15, 24 ±3.3, ±5, ±7.2, ±9, ±12, ±15, ±24	1.5	SIP7	19.65x7.05x10.16	■	■	■	■	■
	MEK1S	1	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24	3	SIP7	19.65x6.0x10.16	■	■	■	■	■
	MEK2S	2	5, 12, 15, 24	3.3, 5, 6.4, 7.2, 9, 12, 15, 24 ±3.3, ±5, ±7.2, ±9, ±12, ±15, ±24	3	SIP7	19.65x7.05x10.16	■	■	■	■	■
	MEK3S	3	5, 12, 15	5, 9, 12, 15	3	SIP7	19.65x7.05x10.16	■	■	■		■
	MEG1S MEG2S	1 ... 2	3.3, 5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15	6	SIP7	19.5x9.8x12.5	■	■	■	■	■
	MEG1SA* MEG2SA*	1 ... 2	5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15	6	SIP7	19.5x9.8x12.5	■	■	■	■	■

\* New products to be released in year 2025

## DC/DC CONVERTERS

Isolated, Unregulated  
DIP Package

- Cost effective selections
- Industrial standard pinning
- Continuous short circuit protected
- Operating temperature up to +105°C
- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B

IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VDC] ±10%	OUTPUT VOLTAGE [VDC]	ISOLATION [KVDC]	PACKAGE	SIZE [mm]	FEATURES				
								IEC EN 62368-1	EN 55032 Class B	~40~+85°C Temp. Range	~40~+105°C Temp. Range	Continuous S.C.P.
	ME1N	1	3.3, 5, 12, 15, 24	3.3, 5, 7.2, 9, 12, 15, 24	1.5	DIP8	12.7x10.16x8.2	■	■	■	■	■
	ME1D	1	5, 12, 15, 24	±3.3, ±5, ±9, ±12, ±15, ±24	1.5	DIP14	20x10x7	■	■	■	■	■
	MEK1D	1	5, 12, 15, 24	5, 12, 15 ±3.3, ±5, ±9, ±12, ±15	3	DIP14	20x10x7	■	■	■	■	■
	MEK2D*	2	5, 12, 15, 24	3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24	3	DIP14	20.32x10.16x8.2	■	■	■		■

\* New products to be released in year 2025

### Isolated Regulated



- ▲ Compact SIP / DIP package
- ▲ Wide input voltage range 2:1 or 4:1
- ▲ Optional remote On/Off and Trim function
- ▲ Optional heatsink and chassis available
- ▲ RoHS and REACH compliant
- ▲ Meet UL/EN/IEC 62368-1
- ▲ Meet CISPR32, EN55032 Class B
- ▲ 3 year warranty

## DC/DC CONVERTERS

Isolated, Regulated  
±5% Input Range, SMD / SIP Package

- Cost effective selections
- Industrial standard pinning
- Continuous short circuit protected
- Operating temperature up to +105°C









- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B

IEC EN 62368-1

EN 55032 Class B

~40~+85°C Temp. Range

Continuous S.C.P.

IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VDC] ±5%	OUTPUT VOLTAGE [VDC]	ISOLATION [KVDC]	PACKAGE	SIZE [mm]	FEATURES			
	MR1T	0.75	5, 12	3.3, 5, 9, 12, 15	1.5	SMD	13.2x8.5x7.25	■	■	■	■
	MR1TA	1	5, 12, 15, 24	3.3, 5, 9, 12, 15	1.5	SMD	15.24x8.5x7.25	■	■	■	■
	MRK1T	1	5, 12, 15, 24	3.3, 5, 9, 12, 15	3	SMD	15.24x8.5x7.25	■	■	■	■
	MR1A*	0.75	5, 12, 24	3.3, 5, 9, 12, 15	1.5	SIP4	11.6x6.0x10.16	■	■	■	■
	MR1S	1	5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	1.5	SIP7	19.65x6.0x10.16	■	■	■	■
	MR2S	2	5, 12, 24	3.3, 5	1.5	SIP7	19.65x7.05x10.16	■	■	■	■
	MRK1S	1	5, 12, 15, 24	3.3, 5, 9, 12, 15, 24	3	SIP7	19.65x6.0x10.16	■	■	■	■
	MRK2S	2	5, 12, 24	3.3, 5	3	SIP7	19.60x7.05x10.10	■	■	■	■

\* New products to be released in year 2025



## DC/DC CONVERTERS

Isolated, Regulated,  
2:1 Input Range, SIP Package

- Compact SIP package
- Wide input voltage range 2:1 or 4:1
- Optional remote On/Off and Trim function
- Optional heatsinks and chassis available

- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B







IEC EN 62368-1

EN 55032 Class B

Remote On/Off Control

Output Trim / Sense

Optional Chassis

IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VDC]	OUTPUT VOLTAGE [VDC]	ISOLATION [KVDC]	PACKAGE	SIZE [mm]	FEATURES				
	MV1S	1	4.5~9, 9~18, 18~36, 36~75	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15	1.5	SIP8	22.0x9.5x12.0	■	■	■		■
	MV3S	3	4.5~9, 9~18, 18~36, 36~75	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24	1.5	SIP8	22.0x9.5x12.0	■	■	■		■
	MV6S	6	9~18, 18~36	3.3, 5, 9, 12, 15, 24	1.5	SIP8	22.0x9.5x12.0	■	■	■		■
	MV10S	10	9~18, 18~36	3.3, 5, 9, 12, 15, 24	1.5	SIP8	22.0x9.5x12.0	■	■	■		■
	MVK3S	3	4.5~9, 9~18, 18~36, 36~75	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24	3	SIP8	22.0x9.5x12.0	■	■	■		■
	MVK6S	6	4.5~9, 9~18, 18~36, 36~75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15, ±24	3	SIP8	22.0x9.5x12.0	■	■	■		■

## DC/DC CONVERTERS

Isolated, Regulated,  
4:1 Input Range, SIP Package

- Compact SIP package
- Wide input voltage range 2:1 or 4:1
- Optional remote On/Off and Trim function
- Optional heatsinks and chassis available
- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B









IEC EN 62368-1

EN 55032 Class B

Remote On/Off Control

Output Trim / Sense

Optional Chassis

IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VDC]	OUTPUT VOLTAGE [VDC]	ISOLATION [KVDC]	PACKAGE	SIZE [mm]	FEATURES				
	MU3S	3	9~36, 18~75	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24	1.5	SIP8	22.0x9.5x12.0	■	■	■		
	MU6S	6	9~36, 18~75	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24	1.5	SIP8	22.0x9.5x12.0	■	■	■		
	MU10S	10	9~36	3.3, 5, 9, 12, 15, 24	1.5	SIP8	22.0x9.5x12.0	■	■	■		
	MUK3S	3	4.5~36	5, 12, 15 ±5, ±12, ±15	3	SIP8	22.0x9.5x12.0	■	■	■		
	MUK6S	6	9~36, 18~75	3.3, 5, 6, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24	3	SIP8	22.0x9.5x12.0	■	■	■		
	MUK10S*	6	9~36, 18~75	3.3, 5, 6, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24	3	SIP8	22.0x9.5x12.0	■	■	■		
	MWK1S*	1	4.5~36	5, 9, 12, 15, 24 ±5, ±12, ±15	3	SIP8	22.0x9.5x12.0	■	■			
	MWK3S*	3	4.5~36	5, 12, 15 ±5, ±12, ±15	3	SIP8	22.0x9.5x12.0	■	■			

\* New products to be released in year 2025

## DC/DC CONVERTERS

Isolated, Regulated,  
2:1 / 4:1 Input Range, DIP24 Package

- Compact DIP package
- Wide input voltage range 2:1 or 4:1
- Optional remote On/Off and Trim function
- Optional heatsinks and chassis available
- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B











IEC EN 62368-1

EN 55032 Class B

Remote On/Off Control

Output Trim / Sense

Optional Chassis

IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VDC]	OUTPUT VOLTAGE [VDC]	ISOLATION [KVDC]	PACKAGE	SIZE [mm]	FEATURES				
	MV3D	3	4.5~9, 9~18, 18~36, 36~75	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15	1.5	DIP24	32.0x20.0x10.8	■	■			
	MV6D	6	4.5~9, 9~18, 18~36, 36~75	3.3, 5, 12, 15, 24 ±5, ±9, ±12, ±15	1.5	DIP24	32.0x20.0x10.8	■	■			
	MV10D	10	9~18, 18~36, 36~75	5, 12, 15, 24 ±5, ±12, ±15	1.5	DIP24	32.0x20.0x10.8	■	■	■		
	MVK3P	3	4.5~9, 9~18, 18~36, 36~75	3.3, 5, 12, 15, 24 ±5, ±9, ±12, ±15	3	DIP24	31.6x20.3x10.2	■	■			
	MU3D	3	9~36, 18~75	3.3, 5, 9, 12, 15, 24	1.5	DIP24	32.0x20.0x10.8	■	■			
	MU6D	6	9~36, 18~75	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15	1.5	DIP24	32.0x20.0x10.8	■	■			
	MU10D	10	9~36, 18~75	3.3, 5, 12, 15, 24 ±5, ±12, ±15	1.5	DIP24	32.0x20.0x10.8	■	■	■		
	MUK3P	6	9~36, 18~75	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24	3	DIP24	32 x 20 x 121	■	■			
	MUK6P	6	9~36, 18~75	3.3, 5, 12, 15, 24 ±5, ±12, ±15	3	DIP24	31.6x20.3x10.2	■	■			
	MUR6P	6	9~36, 18~75	5, 6, 9, 12, 15, 18, 24	6	DIP24	31.6x20.3x10.2	■	■			

## DC/DC CONVERTERS

Isolated, Regulated,  
2:1 / 4:1 Input Range

- Compact DIP package
- Wide input voltage range 2:1 or 4:1
- Optional remote On/Off and Trim function
- Optional heatsinks and chassis available

- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B











IEC EN 62368-1

EN 55032 Class B

Remote On/Off Control

Output Trim / Sense

Optional Chassis

IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VDC]	OUTPUT VOLTAGE [VDC]	ISOLATION [KVDC]	PACKAGE	SIZE [mm]	FEATURES				
	MV6G	6	9~18, 18~36, 36~75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15	1.5	DIP1"x1"	25.4x25.4x11.7	■	■			■
	MV10G	10	4.5~9, 9~18, 18~36, 36~75	3.3, 5, 12, 15, 24 ±5, ±12, ±15, ±24	1.5	DIP1"x1"	25.4x25.4x11.7	■	■	■		■
	MV15G	15	9~18, 18~36, 36~75	3.3, 5, 12, 15, 24	1.5	DIP1"x1"	25.4x25.4x11.7	■	■	■	■	■
	MV20G	20	9~18, 18~36, 36~75	3.3, 5, 12, 15, 24	1.5	DIP1"x1"	25.4x25.4x11.7	■	■	■	■	■
	MU6G	6	9~36, 18~75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15, ±24	1.5	DIP1"x1"	25.4x25.4x11.7	■	■			■
	MU10G	10	9~36, 18~75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15, ±24	1.5	DIP1"x1"	25.4x25.4x11.7	■	■	■		■
	MU15G	15	9~36, 18~75	3.3, 5, 12, 15, 24	1.5	DIP1"x1"	25.4x25.4x11.7	■	■	■	■	■
	MU20G	20	9~36, 18~75	3.3, 5, 12, 15, 24 ±5, ±12, ±15, ±24	1.5	DIP1"x1"	25.4x25.4x11.7	■	■	■	■	■
	MU30G	30	18~75	5, 12, 15, 24 ±12, ±15, ±24	1.5	DIP1"x1"	25.4x25.4x11.7	■	■	■	■	■
	MU40G	40	9~36, 18~75	3.3, 5, 12, 15, 24, 28	1.5	DIP1"x1"	25.4x25.4x11.7	■	■	■	■	■

## DC/DC CONVERTERS

Isolated, Regulated,  
2:1 / 4:1 Input Range

- Compact DIP package
- Wide input voltage range 2:1 or 4:1
- Optional remote On/Off and Trim function
- Optional heatsinks and chassis available

- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B










IEC EN 62368-1

EN 55032 Class B

Remote On/Off Control

Output Trim / Sense




Optional Chassis

IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VDC]	OUTPUT VOLTAGE [VDC]	ISOLATION [KVDC]	PACKAGE	SIZE [mm]	FEATURES				
	MV10H	10	4.5~9, 9~36, 18~75	5, 12, 15, 24 ±5, ±12, ±15, ±24	1.5	DIP2"x1"	50.8x25.4x11.8	■	■	■		■
	MV15H	15	18~36, 36~75	3.3, 5, 12, 15, 24	1.5	DIP2"x1"	50.8x25.4x11.8	■	■	■	■	■
	MV20H	20	9~18, 18~36, 36~75	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24	1.5	DIP2"x1"	50.8x25.4x11.8	■	■	■	■	■
	MV30H	30	18~36, 36~75	3.3, 5, 9, 12, 15, 24	1.5	DIP2"x1"	50.8x25.4x11.8	■	■	■	■	■
	MV40H	40	18~36, 36~75	5, 12, 15, 24	1.5	DIP2"x1"	50.8x25.4x11.8	■	■	■	■	■
	MU10H	10	9~36, 18~75	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24	1.5	DIP2"x1"	50.8x25.4x11.8	■	■	■		■
	MU15H	15	9~36, 18~75	3.3, 5, 12, 15, 24	1.5	DIP2"x1"	50.8x25.4x11.8	■	■	■	■	■
	MU20H	20	9~36, 18~75	3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15	1.5	DIP2"x1"	50.8x25.4x11.8	■	■	■	■	■
	MU30H	30	9~36, 18~75	3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15, ±24	1.5	DIP2"x1"	50.8x25.4x11.8	■	■	■	■	■

## DC/DC CONVERTERS

Isolated, Regulated,  
2:1 / 4:1 Input Range

- Compact DIP package
- Wide input voltage range 2:1 or 4:1
- Optional remote On/Off and Trim function
- Optional heatsinks and chassis available
- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B





IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VDC]	OUTPUT VOLTAGE [VDC]	ISOLATION [KVDC]	PACKAGE	SIZE [mm]	FEATURES				
								IEC EN 62368-1	EN 55032 Class B	Remote On/Off Control	Output Trim / Sense	Optional Chassis
	MU40H	40	9~36, 18~75	5, 9, 12, 15, 24 ±12, ±15, ±24	1.5	DIP2"x1	50.8 x 25.4 x 12	■	■	■	■	■
	MU50H	50	9~36, 18~75	5, 12, 15, 24	1.5	DIP2"x1	50.8 x 25.4 x 12	■	■	■	■	■
	MU60H	60	9~36, 18~75	5, 6, 12, 15, 24	1.5	DIP2"x1	50.8 x 25.4 x 12	■	■	■	■	■

## DC/DC CONVERTERS

Isolated, Regulated,  
40-160V Input range, Railway Apps

- Compact DIP package
- Wide input voltage range 2:1 or 4:1
- Optional remote On/Off and Trim function
- Optional heatsinks and chassis available
- 3 year warranty
- RoHS and REACH compliant
- Meet IEC/EN/UL 62368-1
- Meet CISPR32, EN55032 Class B

IEC EN 62368-1	EN 55032 Class B	Remote On/Off Control	Output Trim / Sense	Optional Chassis
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IMAGE	SERIES	POWER [W]	INPUT VOLTAGE RANGE [VDC]	OUTPUT VOLTAGE [VDC]	ISOLATION [KVDC]	PACKAGE	SIZE [mm]	FEATURES				
	MA6G*	6	40-160	5, 12, 15, 24 ±5, ±12, ±15	2.25	DIP1"x1"	25.4 x 25.4 x 12	■	■	■	■	■
	MA10H*	10	40-160	3.3, 5, 12, 15, 24	2.25	DIP2"x1"	50.8 x 25.4 x 12	■	■	■	■	■
	MA20H*	20	40-160	3.3, 5, 12, 15, 24, 48	2.25	DIP2"x1	50.8 x 25.4 x 12	■	■	■	■	■
	MA40H*	40	40-160	3.3, 5, 12, 15, 24, 48	3	DIP2"x1	50.8 x 25.4 x 12	■	■	■	■	■

\* New products to be released in year 2025

