



PRODUCT CATALOGUE 2024

POWER CONVERTERS

AC/DC

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

DC/DC

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



About 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:
ISO9000, ISO14000



Employees:
200+



Land:
20000m²

Quality Manufacturing



Maximum manufacturing efficiency and reliability using latest factory automation technologies



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.

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
- ▲ Certified to 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

| | | | | | | | | | | | |
|---|--------|---------|--------|-----------------------|------|----------|-------------------|--------------|---------------------|-----------|-----------|
|  | PNR03S | 3 | 85~305 | 3.3, 5, 9, 12, 15, 24 | 4000 | SIP, SMD | 26.4x11x14.8 | UL Certified | CE – EN/IEC 62368-1 | 305VAC IN | 480VAC IN |
| | 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

AC/DC Converters



- ▲ Input range 85~305VAC
- ▲ Operating temperature range: -40~+85°C
- ▲ Energy saving, standby power only about 0.1W
- ▲ Certified to 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

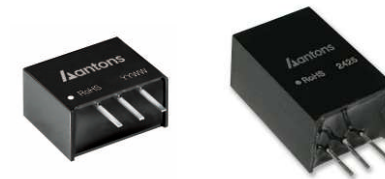
Optional Chassis

| IMAGE | SERIES | POWER [W] | INPUT VOLTAGE RANGE [VAC] | OUTPUT VOLTAGE [VDC] | ISO [KVAC] | 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



DC/DC Converters



- ▲ 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

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] | ISO [KVAC] | 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 | ■ | ■ | ■ | |

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
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B









UL Certified

CE – EN/IEC 62368-1

~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 | | | | |
|---|---------|--------------|-----------------------------------|--|---------------------|---------|-----------------|----------|---|---|---|---|
|  | 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 | 3.0 | SMD | 13.2x8.5x7.25 | | ■ | ■ | ■ | ■ |
|  | MEK1T-D | 1 | 3.3, 5, 12, 15, 24 | ±3.3, ±5, ±9, ±12, ±15, ±24 | 3.0 | SMD | 15.24x8.5x7.25 | | ■ | ■ | ■ | ■ |
|  | MEK1TL | 1 | 5, 12, 24 | 3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24 | 3.0 | 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 | 3.0 | SMD | 13.2x8.5x7.25 | | ■ | ■ | ■ | ■ |

DC/DC CONVERTERS

Isolated, Unregulated
SIP / 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
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B











UL Certified

CE – EN/IEC 62368-1

~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 | SIP | 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 | SIP | 19.65x7.05x10.16 | | ■ | ■ | ■ | ■ |
|  | ME3S | 3 | 5, 12, 15, 24 | 3.3, 5, 7.2, 9, 12, 15, 24 ±3.3, ±5, ±7.2, ±9, ±12, ±15, ±24 | 1.5 | SIP | 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 | 3.0 | SIP | 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 | 3.0 | SIP | 19.65x7.05x10.16 | | ■ | ■ | ■ | ■ |
|  | MEK3S | 3 | 5, 12, 15 | 5, 9, 12, 15 | 3.0 | SIP | 19.65x7.05x10.16 | | ■ | ■ | | ■ |
|  | MEG1S | 1 | 3.3, 5, 12, 15, 24 | 3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15 | 6.0 | SIP | 19.5x9.8x12.5 | | ■ | ■ | ■ | ■ |
|  | MEG2S | 2 | 12, 15, 24 | 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15 | 6.0 | SIP | 19.5x9.8x12.5 | | ■ | ■ | ■ | ■ |

DC/DC CONVERTERS

Isolated, Unregulated
SIP / 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
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B









UL Certified

CE – EN/IEC 62368-1

~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 | | | | |
|---|--------|-----------|--------------------------------|--|------------------|---------|-----------------|----------|---|---|---|---|
|  | MEG1SA | 1 | 12, 15, 24 | 3.3, 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15 | 6.0 | SIP | 19.5x9.8x12.5 | | ■ | ■ | ■ | ■ |
|  | MEG2SA | 2 | 12, 15, 24 | 5, 9, 12, 15, 24 ±5, ±9, ±12, ±15 | 6.0 | SIP | 19.5x9.8x12.5 | | ■ | ■ | ■ | ■ |
|  | ME1N | 1 | 3.3, 5, 12, 15, 24 | 3.3, 5, 7.2, 9, 12, 15, 24 | 1.5 | DIP | 12.7x10.16x8.2 | ■ | ■ | ■ | ■ | ■ |
|  | MEK1N | 1 | 5, 12, 15, 24 | 3.3, 5, 7.2, 9, 12, 15, 24 | 3.0 | DIP | 12.7x10.16x8.2 | ■ | ■ | ■ | ■ | ■ |
|  | ME1D | 1 | 5, 12, 15, 24 | ±3.3, ±5, ±9, ±12, ±15, ±24 | 1.5 | DIP | 20.0x10.0x7.0 | | ■ | ■ | ■ | ■ |
|  | MEK1D | 1 | 5, 12, 15, 24 | 5, 12, 15 ±3.3, ±5, ±9, ±12, ±15 | 3.0 | DIP | 20.0x10.0x7.0 | | ■ | ■ | ■ | ■ |
|  | ME2D | 2 | 3.3, 5, 12, 15, 24 | 3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±7, ±9, ±12, ±15, ±24 | 1.5 | DIP | 20.32x10.16x8.2 | | ■ | ■ | | ■ |
|  | MEK2D | 2 | 5, 12, 15, 24 | 3.3, 5, 9, 12, 15, 24 ±3.3, ±5, ±9, ±12, ±15, ±24 | 3.0 | DIP | 20.32x10.16x8.2 | | ■ | ■ | | ■ |

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
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B

UL Certified

CE – EN/IEC 62368-1

~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 | 3.0 | 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 | 3.0 | SIP7 | 19.65x6.0x10.16 | | ■ | ■ | ■ |
|  | MRK2S | 2 | 5, 12, 24 | 3.3, 5 | 3.0 | SIP7 | 19.60x7.05x10.10 | | ■ | ■ | ■ |

DC/DC CONVERTERS

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

- Compact SIP / 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
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B








UL Certified

CE – EN/IEC 62368-1

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 | | ■ | ■ | | ■ |
|  | MVK1S | 1 | 4.5~9, 9~18, 18~36, 36~75 | 3.3, 5, 9, 12, 15, 24 ±5, ±12, ±15 | 3.0 | 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 | 3.0 | 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 | 3.0 | SIP8 | 22.0x9.5x12.0 | | ■ | ■ | | ■ |

DC/DC CONVERTERS

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

- Compact SIP / 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
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B

| | | | | |
|--------------|---------------------|-----------------------|---------------------|------------------|
| UL Certified | CE – EN/IEC 62368-1 | 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 | | | | |
|---|--------|-----------|---------------------------|---|------------------|---------|---------------|----------|---|---|--|--|
|  | 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 | | ■ | ■ | | |
|  | MUK1S | 1 | 4.5~36 | 5, 9, 12, 15 ±5, ±12, ±15 | 3.0 | SIP8 | 22.0x9.5x12.0 | | ■ | | | |
|  | MUK3S | 3 | 4.5~36 | 5, 12, 15 ±5, ±12, ±15 | 3.0 | SIP8 | 22.0x9.5x12.0 | | ■ | ■ | | |
|  | MUK6S | 6 | 9~36, 18~75 | 3.3, 5, 6, 9, 12, 15, 24 ±5, ±9, ±12, ±15, ±24 | 3.0 | SIP8 | 22.0x9.5x12.0 | | ■ | ■ | | |
|  | MWK1S | 1 | 4.5~36 | 5, 9, 12, 15, 24 ±5, ±12, ±15 | 3.0 | SIP8 | 22.0x9.5x12.0 | | ■ | | | |
|  | MWK3S | 3 | 4.5~36 | 5, 12, 15 ±5, ±12, ±15 | 3.0 | SIP8 | 22.0x9.5x12.0 | | ■ | | | |

DC/DC CONVERTERS

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

- Compact SIP / 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
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B

| | | | | |
|--------------|---------------------|-----------------------|---------------------|------------------|
| UL Certified | CE - EN/IEC 62368-1 | 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 | 1.5 | 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 | 3.0 | DIP24 | 32 x 20 x 121 | | ■ | | | |
|  | MUK6P | 6 | 9~36, 18~75 | 3.3, 5, 12, 15, 24 ±5, ±12, ±15 | 3.0 | DIP24 | 31.6x20.3x10.2 | | ■ | | | |
|  | MUR6P | 6 | 9~36, 18~75 | 5, 6, 9, 12, 15, 18, 24 | 6.0 | DIP24 | 31.6x20.3x10.2 | | ■ | | | |

DC/DC CONVERTERS

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

- Compact SIP / 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
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B











UL Certified

CE – EN/IEC 62368-1

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 SIP / 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
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B










UL Certified

CE – EN/IEC 62368-1

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 SIP / 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
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B

| | | | | | | | | UL Certified | CE – EN/IEC 62368-1 | 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 | | | | |
|  | 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 SIP / 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
- Certified to UL/EN/IEC 62368-1
- Meet CISPR32, EN55032 Class B

| | | | | |
|--------------|---------------------|-----------------------|---------------------|------------------|
| UL Certified | CE – EN/IEC 62368-1 | 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 | | | | |
|---|--------|-----------|---------------------------|-------------------------------|------------------|----------|------------------|----------|---|---|---|---|
|  | 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 | 3.0 | DIP2"x1 | 50.8 x 25.4 x 12 | | ■ | ■ | ■ | ■ |

