



MGDD Series

The New Generation of GAIA Converter DC/DC Modules for Rail Applications

Ultra Wide Input / Flexible Outputs



- Ultra wide input range 12 – 160 Vdc for rail
- EN50155 multi batteries compatible
- Increase robustness against input transients
- Flexible dual isolated outputs
- Ease of use and standardization
- Trim adjustment function
- High efficiency over the entire input range
- Zero to full load operation
- No optocoupler for high reliability

MGDD Series

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- ✓ MGDDI-06 Series
- ✓ MGDDI-20 Series
- ✓ MGDDI-60 Series

Industrial
Grade ■

- Ultra wide input : 12-160 Vdc
- Dual isolated outputs 2 x 5 Vdc, 2 x 12 Vdc, 2 x 15 Vdc, 2 x 24 Vdc to ease scalability across multiple applications
- Flexible power per output up to unbalanced 10% / 90%
- Trim adjustment -20% / +10%
- Fixed switching frequency

MGDDI - 06 Family

- 6 W total power
- Isolation 2 250 Vdc input/output
- 1" x 0,75" package size
- Low profile 0,33"

MGDDI - 20 Family

- 20 W total power
- Isolation 2 250 Vdc input/output
- 1" x 1,5" package size
- Low profile 0,5"

MGDDI - 60 Family

- 60 W total power
- Isolation 2 250 Vdc input/output
- 3" x 2" package size
- Low profile 0,5"

