

Powerful Solutions Partner

Micropower Group is a complete system supplier of industrial Lithium-Ion batteries, battery chargers and power supplies. With own production and R&D, we take responsibility for the whole chain where we develop, design and manufacture and supply battery and battery charging products and systems to customers and distributors worldwide.

DC/DC CONVERTER IP67



WATERPROOF & SHOCK-RESISTANT DC/DC CONVERTER



MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

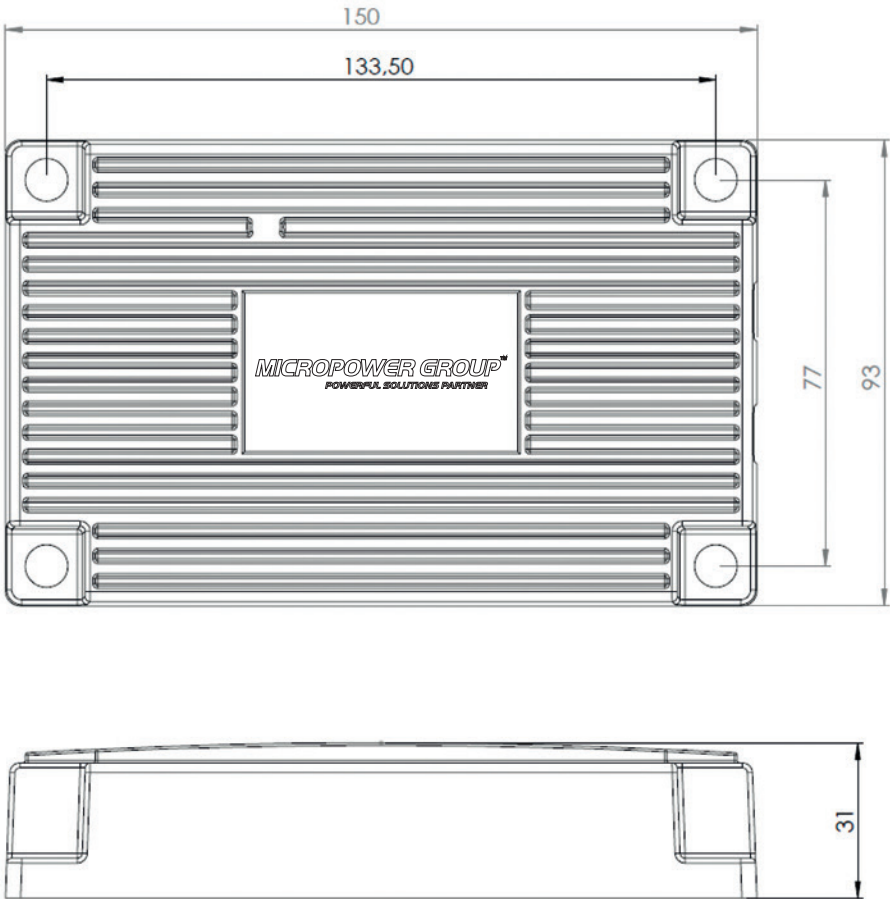


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DC/DC CONVERTER WITH IP67

– with latest switching technology



- Wide range of models
- High efficiency >96%
- Overheting protection
- Polarity protection
- Current limited
- Short-circuit protection
- Waterproof
- Easy to install
- Small and compact
- Aluminum housing
- IP67 classified
- Approved for outdoor use

About the product

Micropower DC-DC converter is designed with the latest switching technology in DC to DC conversion, resulting with an efficiency above 96%. This brings a cool running product with minimal powerloss.

The internal electronics is protected against wrong polarization and short-circuit which prevents damage to the device by misuse.

Micropower’s waterproof DC-DC converters includes both regular DC-DC converters and DC-DC chargers. All models are IP67 classified, waterproof and very shock resistant. The aluminum housing makes the unit perfect for installation in harsh environments.

All models comes with cables for input and output connections, as well as a cable for ON/OFF function.

Specifications

| | ISOLATED | | | | | | | | NON ISOLATED | |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|
| MODEL | 48-24 | 48-12 | 24-24 | 24-12 | 12-24 | 12-24 | 24-12 | 80-12 | 80-24 | 24-12 |
| ARTICLE NUMBER | 0060323IP | 0060322IP | 0060324IP | 0060321IP | 0060316IP | 0060317IP | 0060312IP | 0060328IP | 0060329IP | 0060363IP |
| INPUT | 36-65V | 36-65V | 18-32V | 18-32V | 9-36V | 9-36V | 18-32V | 60-110V | 60-110V | 18-36V |
| OUTPUT | 24,5V | 13,5V | 24V | 13,5V | 12V | 24V | 12V | 13,5V | 24V | 13,5V |
| POWER | 400W | 400W | 400W | 400W | 200W | 200W | 200W | 400W | 400W | 380W |
| EFFICIENCY | >96% | >96% | >96% | >96% | >96% | >96% | >96% | >96% | >96% | >96% |
| HOUSING | IP67 | IP67 | IP67 | IP67 | IP67 | IP67 | IP67 | IP67 | IP67 | IP67 |
| WEIGHT | 820g | 820g | 820g | 820g | 820g | 820g | 820g | 820g | 820g | 820g |
| CABLE CONNECTION -IN | 2.5mm2/50cm | 2.5mm2/50cm | 2.5mm2/50cm | 2.5mm2/50cm | 2.5mm2/50cm | 2.5mm2/50cm | 2.5mm2/50cm | 2.5mm2/50cm | 2.5mm2/50cm | 2.5mm2/50cm |
| CABLE CONNECTION -UT | 4mm2/50cm | 6mm2/50cm | 2.5mm2/50cm | 6mm2/50cm | 2.5mm2/50cm | 2.5mm2/50cm | 2.5mm2/50cm | 6mm2/50cm | 4mm2/50cm | 6mm2/50cm |