

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.

MILITARY DC/DC CONVERTER

HIGH EFFICIENT DC/DC CONVERTER FOR MILITARY

MICROPOWER GROUP[™]
POWERFUL SOLUTIONS PARTNER

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ROBUST & COMPACT DC/DC CONVERTER FOR MILITARY

– waterproof with IP67



About the product

This product from Micropower is a high efficient, intelligent and very compact DC/DC converter with the latest switch mode technology in power conversion.

Suitable for all DC applications where a secured and stable DC current is needed. The internal electronics controls input and output current and is both overload and short circuit protected.

All electronics are potted with polyurethane which makes the unit completely waterproof and very shock resistant.

Due to it's very compact and robust design the DC/DC converter is suitable both for marine and automotive applications.

- MIL-STD 461 F, Army ground applications
- MIL-STD 1275D
- Vibration/shock according to IEC 60028-2-6
- Humidity IEC 68-2-30 100% non condensing



- High efficiency >95%
- Simple installation
- MIL STD 461F
- Isolated ground
- CA3102E connectors
- MIL-STD 1275D
- Compact design
- Low weight
- RAL 1013
- Metal enclosure, IP67
- Wide input 18-32VDC
- Up to 60A

Specification and models

Model	DC/DC 24-24VDC 60A	DC/DC 24-24VDC 40A
Article number	0060392	0060391
Input voltage	18-32VDC	18-32VDC
Output voltage (nom)	24VDC	24VDC
Output current	60A	40A
Ambient temperature	-46C°– +55C°	-46C°– +55C°
Efficiency	>95%	>95%
DC-in connection	Glenair CA3102E	Glenair CA3102E
DC-out connection	Glenair CA3102E	Glenair CA3102E
Encapsulation	IP67	IP67
Measurments (WxLxD in mm)	160 x 144 x 101	160 x 144 x 101
Weight	2,5 kg	2,3 kg