

IEXTMV-12

Forklift Friend

DC/DC Switchmode Voltage Converter



FUNCTION

The Redarc Forklift Converter (IEXTMV-12) is designed to provide 12V DC from a 36V or 48V DC source. The unit features Full Galvanic Isolation.

FEATURES

- Full Galvanic Isolation
- Output over voltage protection
- High efficiency switch mode design
- Improved transient/surge suppression
- Optional output decoupling diode for parallel redundancy
- Short circuit protection
- Reverse polarity protection
- Proven rugged construction
- Complies with EMI standards
- CISPR22:1985 & AS/NZS3548:1992

SPECIFICATIONS

MODEL	IEXTMV-12
Supply Range	21V-60V
Output Voltage	13.5V
Max. Output Current	5A
Input Protection	3 Amp fuse recommended
Output Protection	Constant current limit on overload
Isolation	≥1kV DC Input/Output ≥1kV DC Input/Output to ground
Efficiency	>80%
Soft Start	Typical 1 Second
Line Regulation	<0.5% Over Input Range
Load Regulation	<0.7% Open Circuit to Full load
Operating Temperature	0-40°C
Dimensions	180x80x37mm
Weight	450g
Warranty	2 years

FREE TECHNICAL ASSISTANCE contact Redarc Electronics
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Specifications are subject to change without notification.