

AC/DC High Output Power Supply Unit

MRC-74



When customers have totally new or unique requirements or need adaptations to meet mission critical program requirements, our design and engineering teams can provide extensive services ranging from mechanical, electrical, software and testing. Based on your defined needs, we provide total solutions including costing, prototyping, testing and manufacturing.

Ultralife Communications comprises two brands: McDowell Research and AMTI.

Features

- Compact size
- Electronic power factor correction
- Up to 1500 watts of output power
- Input protection
- Thermal fuse
- Inrush current limiting
- Built-in redundancy diodes allows paralleling units

Overview

The MRC-74 is a compact, highly reliable AC/DC power supply suitable for a wide range of applications.

The MRC-74 features full electronic protection, high efficiency, and low output noise. The built-in fan provides sufficient airflow for operation without de-rating up to 50° C ambient temperature.

One Source, Many Solutions

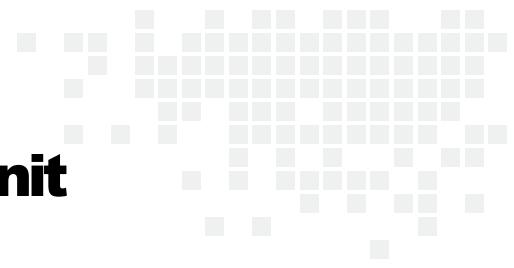
The MRC-74 is another example of the broad capabilities of Ultralife Communications Systems to provide products, systems and 'concept to reality' engineering solutions to the military and defense industries.

Ultralife offers a wide range of products from batteries, RF amplifiers, chargers, power adapters, speakers, cables/connectors, equipment mounts and case equipment.

As a worldwide leader in power solutions and accessories, Ultralife customers benefit from a company that is one source for many solutions.

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Technical Specifications:

Part No.	MRC-74
AC input	85-264 VAC 47-440 Hz
DC output	28 VDC at 53 amps
Size	5"H x 5"W x 13.5"L
Weight	15 lbs.
Operating temperature	-20° to +50° C
Storage temperature	-20° to +65° C
Operating altitude	27,000 ft.
Storage altitude	55,000 ft.
Hold up	10ms full load for 5% drop of output
Output ripple	1% of output voltage peak to peak