

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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ACON™ DC-DC CONVERTERS — R Series, 50-150W

Exclusively distributed by Powerstax

Input Ranges :
9-75 VDC
Output Output:
Single Output
5.0V - 24V
Dual Output
5.0V/12V, 5.0V/24V
12V/12V, 15V/15V
Triple Output
5.0V / ±12V,
5.0V / ±15V,
12V / ±05V,
Quad Output
±5.0V / ±12V,
±5.0V / ±15V

Output Power:
50 - 150 W



The **R** series DC-DC converters feature high power density, high efficiency and excellent line & load regulation. Using innovative design technique, state-of-the art Current Mode PWM control, and Surface Mount packaging & manufacturing technology, the R series provides up to 100 watts of well regulated power in a encapsulated 3.5" x 5.5" x 0.90" metal case with six-sided EMI/RFI shielding. Automatic feed forward compensation, pulse-by-pulse current limiting, and output short circuit protection are standard for all models.

These converters are designed for wide input range telecommunications, industrial and instrument applications. The wide input range (2:1 & 3:1) is ideal for battery or unregulated input applications.

No external components are needed for normal operation. Low ESR capacitors are used to minimize the conductive noise. This package is ideal for all I/O board system and distributed DC power configurations.

FEATURES

General:

- Output Power to 100 Watts
- Wide Input Range : 10-75Vdc
- 2:1 & 3:1 Input Voltage Range
- High Conversion Efficiency > 84%
- Line & Load Regulation to ±1.0%
- Fixed Operating Frequency
- Output Over-Load Protection
- Output Over-Voltage Protection
- Output Trim or Sense Functions
- Remote Sense
- Remote On/Off
- Safety: UL File# 149006

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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