

Auto-Transformer Rectifier Units (ATRU)



- Simple, rugged, reliable
- High efficiency with overload capacity
- Meets recent power quality requirements of recent OEMs

- Non-isolated power conversion
- 12 pulse / < 12% THD
- 18 pulse / < 7% THD
- 30 pulse / < 3% THD
- Compatible with dynamic / pulse loads
- Cooling options: forced air, fan or cold plate

Since 1958, Crane Aerospace & Electronics has led the way in the development of reliable aircraft AC-DC power conversion. Our Auto Transformer Rectifier Units (ATRUs) provide affordable, efficient and reliable power conversion while meeting today's new stringent power quality requirements.

As the world's leading supplier of TRUs and Auto-Transformer Rectifiers (ATRUs) for commercial aircraft, we offer field-proven, exceptionally reliable solutions.

Ranging from 1kW to 200 kW, our units offer:

- 115 or 230 V ac input
- 270 or 540 V dc output
- 95 – 98% efficient

Typical Applications

- Ideal for point loads like motors, radars and actuators

Markets Served

- Commercial and military transport aircraft
- Military – fighters and trainers
- Commercial and military helicopters
- Business and regional jet aircraft



Crane Aerospace & Electronics • www.craneae.com • power@crane-eg.com • phone: +1 425-743-8321

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