TF1500 SERIES
Value Proposition



Test & Measurement | Industrial | Audio Visual

BENEFITS AND FEATURES

- Scalable - can operate multiple units to increase available power
- Flexible - Output Current and Voltage programmable from near 0 to 105% of nominal
- 1500W of power in a 5.0" x 2.5" x 9.3" size
- Universal Input Range
- Programmable Output Voltage (0 to 105%)
- Programmable Output Current (0 to 105%)
- Parallel Operation with Current Sharing
- 5V or 9V Auxiliary Output
- Digital Control end Monitoring via RS232, I^2C, or RS485

VALUE PROPOSITION

- Perfect for power hungry applications such as Automated Test, Semiconductor Test and Handlers, Industrial Imaging, and many others need reliable power in a compact form factor.
- Flexibility to program the output voltage from zero to 105% of nominal means the designer can use the same model for a variety of applications, avoiding the need to re-qualify a different model if their output voltage needs are different for other projects.
- Provided system scalability - the ability to parallel multiple units allows easy scalability as system configurations change to allow more customer-driven features.
- Provided protections against unstable operational environments minimize the need for implementing at the system level, resulting in shorter development time and reduced cost.
- Advanced Energy local technical support capabilities provide real time help in solving potential design problems which could otherwise cause revenue loss due to delays in end product introduction,
- Extensive global presence can support customers product needs as they migrate from development to production, frequently in multiple locations around the world.

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PLATFORMS

TEST & MEASUREMENT
INDUSTRIAL - AV/LIGHTING

- Electronic Test
- Analytical Test
- Automatic Test Equipment
- Communications Test
- Automotive Test
- Process Control
- Factory Automation
- Refrigeration controls
- Audio Visual Equipment
- Broadcast Equipment
- Datacom
- Point of Sale
- Telecom

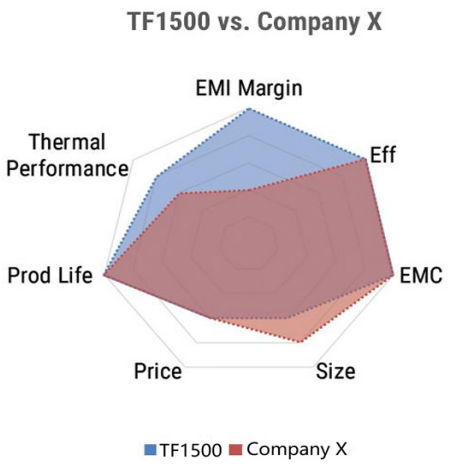
APPLICATIONS

TEST & MEASUREMENT
INDUSTRIAL - AV/LIGHTING

- Automated Test (ATE)
- Semiconductor Test & Handling
- Laser cutting
- Large Scale Battery Test Systems
- Oscilloscopes
- Protocol Analyzers
- Power Meters
- Chromatography
- Rheometers
- Kiosks
- Sorting Machines

COMPETITIVE POSITIONING

- A bigger surface area means better performance and lower operating cost



ABOUT ADVANCED ENERGY

Advanced Energy (AE) has devoted more than four decades to perfecting power for its global customers. AE designs and manufactures highly engineered, precision power conversion, measurement and control solutions for mission-critical applications and processes.

Our products enable customer innovation in complex applications for a wide range of industries including semiconductor equipment, industrial, manufacturing, telecommunications, data center computing, and medical. With deep applications know-how and responsive service and support across the globe, we build collaborative partnerships to meet rapid technological developments, propel growth for our customers, and innovate the future of power.

PRECISION | POWER | PERFORMANCE | TRUST

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