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Data Sheet
August 13, 2026

LAMBDA / TDK

Lambda / TDK / EMI TCR1200T4

Lambda TCR TCR1200T4 High Power DC Supply 1200 V 4 A The Lambda TCR TCR1200T4 isaTCR-series high-power regulated DC supply. The catalog model encodes rated voltage and current: 1200 V and 4 A (4800 W class (VxI)). TCR units are thyristor/phase-control laboratory and systems supplies with constant-voltage and constant-current operation, front-panel metering, and analog remote programming compatible with later EMS/EMHP/ESS programming practices. Exact ripple, regulation percent, and AC input (typically 208/230/460 Vac three-phase on high-current frames) belong on the nameplate and TCR instruction manual for that frame size. The Lambda TCR TCR1200T4 isaTCR-series high-power regulated DC supply. The catalog model encodes rated voltage and current: 1200 V and 4 A (4800 W class (VxI)). TCR units are thyristor/phase-control laboratory and systems supplies with constant-voltage and constant-current operation, front-panel metering, and analog remote programming compatible with later EMS/EMHP/ESS programming practices. Exact ripple, regulation percent, and AC input (typically 208/230/460 Vac three-phase on high-current frames) belong on the nameplate and TCR instruction manual for that frame size. High-current magnet, plating, and burn-in DC; systems racks needing TCR-format analog program; MRO replacement of Lambda TCR frames.

MODEL **Lambda / TDK TCR1200T4**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **TCR1200T4**	LISTING **https://aumictechlabs.com/products/tcr1200t4-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The TDK-Lambda TCR1200T4 is an EMI filter module designed to suppress electromagnetic interference across power electronic systems. It has concurrent filtering of common-mode and differential-mode noise, enabling compliance with stringent EMC standards including CISPR. The module integrates directly into power distribution architectures where conducted emissions reduction is mandatory.Technical Specifications Electrical Performance Input: AC power at standard line frequencies (47–63 Hz) Common-mode and differential-mode noise filtering Conducted emissions suppression to meet EMC compliance thresholds Physical & Operational Form factor: EMI filter module Installation: Integrated into power electronic systems Mounting and thermal management considerations apply for optimal performanceKey Features Dual-mode filtering architecture suppresses both common-mode and differential-mode interference Designed for industrial-grade EMC performance Facilitates compliance with established electromagnetic compatibility standards Suitable for integration into power entry stages of larger systemsTypical Applications Industrial power distribution and control systems Medical device power conditioning Telecommunications infrastructure and power supplies Any power electronic system requiring conducted emissions controlCompatibility & Integration The TCR1200T4 is engineered as a power-line filter element for systems operating at standard AC frequencies. Integration requires proper mounting configuration and thermal environment management. Exact current rating, voltage category, and mounting specifications are variant-dependent and available through TDK-Lambda technical documentation.

Features & description

From manufacturer datasheet

Features

- Rated 1200 V, 4 A per TCR model decoder

TCR1200T4 Characteristics / Specifications

PARAMETER	VALUE
Model	TCR1200T4
Manufacturer	Lambda Electronics (TDK-Lambda / EMI successor path)
Instrument Type	High Power DC Power Supply
Series	TCR
Alias	TCR1200T4; Lambda TCR1200T4
Rated Output Voltage	1200 Vdc
Rated Output Current	4 A
Rated Power Class	4800 W class (VxI)
Output Mode	constant voltage / constant current automatic crossover
Topology	phase-controlled / thyristor TCR family
Metering	front-panel voltage and current meters
Remote Program	analog resistance, voltage, or current (TCR/EMS/EMHP common program class)
Protection	overcurrent and overvoltage provisions per TCR manual for the frame
Cooling	forced air
Form	rack or cabinet TCR high-power frame (size is current-dependent)
Programming Compatibility Note	EMS/EMHP/ESS literature cites common analog programming with TCR
AC Input	high-current TCR frames typically three-phase; confirm 208/230/460 Vac on the nameplate
Regulation	published on the specific TCR instruction sheet for the frame; do not assume EMHP 0.1% unless that sheet is attached
Family Decoder	TCR plus voltage plus letter plus current (example TCR10T250 = 10 V, 250 A)
Letter Code	T andSare TCR construction/cooling codes on the model string; confirm on the nameplate
Duty	continuous laboratory/systems DC source
Connections	high-current DC output bus or lugs on the rear/front per frame Notes Verified identity is Lambda TCR TCR1200T4 at 1200 V / 4 A from the TCR model decoder used across Lambda/EMI high-power catalogs.

PARAMETER	VALUE
	Ripple, regulation %, and AC input amperes are frame-specific; read the TCR manual and nameplate. Do not invent precision.

TCR1200T4 Specifications

PARAMETER	VALUE
Lambda TCR TCR1200T4 High Power DC Supply 1200 V 4 A	Overview
Key Features	- Rated 1200 V, 4 A per TCR model decoder
Technical Specifications	Model: TCR1200T4

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

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Connections: high-current DC output bus or lugs on the rear/front per frame

Notes

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: **sales@aumictech.com** · +1 (484) 841-9341

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