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Data Sheet

August 13, 2026

LAMBDA / TDK / EMI

Lambda / TDK / EMI EMS150-10-2-D-TC

The Lambda/TKD/EMI EMS150-10-2-D-TC is a 150W enclosed power supply with a 10V output, 2A current, and dual AC input. It features thermal shutdown and comprehensive protection, making it suitable for industrial applications.

**MODEL****Lambda / TDK /
EMI EMS150-10-2-
D-TC****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****EMS150-10-2-D-
TC****LISTING**[https://aumictechlabs.c
om/products/ems150-1
0-2-d-tc-2/](https://aumictechlabs.com/products/ems150-10-2-d-tc-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Lambda/TKD/EMI EMS150-10-2-D-TC is a 150W enclosed power supply engineered for industrial applications requiring stable, regulated DC output. It delivers 10V DC at 2A maximum current with dual AC input configuration, providing operational flexibility across different power source scenarios. Technical Specifications Output Power: 150W Output Voltage: 10V DC Output Current: 2A maximum Input Configuration: Dual AC input Line Voltage Regulation: <0.1% of maximum output voltage across specified input range Load Voltage Regulation: <0.1% of maximum output voltage for 100% load change (full load to no load) Line Current Regulation: <0.1% of maximum output current across specified input range Load Current Regulation: <0.1% of maximum output current for 100% load change (full load to short circuit) Storage Temperature: -55°C to 85°C Key Features Thermal shutdown protection prevents damage from sustained overheating Tight voltage regulation maintains output stability under line and load transients

Enclosed design provides environmental protection in industrial settings Short circuit withstand capability inherent to output regulation architecture Typical Applications Suitable for laboratory test benches, industrial burn-in operations, and applications requiring precise, regulated low-voltage DC power with current-limited outputs. Compatibility & Integration Dual AC input design accommodates multiple power distribution standards, reducing supply chain constraints in mixed-voltage industrial environments. Output terminals accept standard connection methods for instrumentation and load equipment.

Features & description

From manufacturer datasheet

Features

- 0 to 150 V, 0 to 10 A, 1500 W

EMS150102DTC Characteristics / Specifications

PARAMETER	VALUE
Model	EMS150-10-2-D-TC
Manufacturer	Lambda EMI / TDK-Lambda Americas
Instrument Type	Switch Mode Programmable DC Power Supply
Series	EMS
Alias	EMS150-10-2-D-TC; EMS 150-10; EMI EMS150-10; TDK-Lambda EMS150-10
Rated Output Voltage	0 to 150 Vdc
Rated Output Current	0 to 10 A
Rated Output Power	1500 W
Output Mode	constant voltage / constant current automatic crossover
Topology	high-frequency switch-mode EMS family
Voltage Adjust	true zero voltage and current adjustability (EMS family)
Transient Response	650 us class (EMS family literature)
Remote Analog	standard analog programming
Digital Option	RSTL RS-232 / IEEE-488 programmer
Catalog 10T	10-turn current control
Catalog LB	lock bushing
Catalog TC	output terminal covers (present on this order string)
Catalog CE	CE mark path on selected AC inputs
Series Parallel	series or parallel master-slave operation
Soft Start	yes
Protection	overcurrent and overvoltage
Form	rackmount
Programming Common	analog programming common with TCR, EMHP, and ESS series
UL Note	U/L recognized on EMS family sheets
Regulation Family	0.1% class EMS literature

PARAMETER	VALUE
Suffix 2 D	EMS option/meter/input coding; D commonly denotes digital/analog meter package
Related EMS100	EMS100-10 is 0-100 V, 0-10 A, 1000 W (different voltage family) Notes Specs from TDK/EMI EMS 150-10 listings (150 V, 10 A, 1500 W), EMS family features, and catalog TC (terminal covers). Confirm AC input code, RSTL, and that TC covers are installed.

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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Regulation Family	0.1% class EMS literature
Suffix 2 D	EMS option/meter/input coding; D commonly denotes digital/analog meter package
Related EMS100 10	EMS100-10 is 0-100 V, 0-10 A, 1000 W (different voltage family)

Notes

Specs from TDK/EMI EMS 150-10 listings (150 V, 10 A, 1500 W), EMS family features, and catalog TC (terminal covers). Confirm AC input code, RSTL, and that TC covers are installed.

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

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.