

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

LAMBDA / TDK / EMI

Lambda / TDK / EMI EMS30-165-2-D

Aumictech offers NIST-traceable calibration and repair for the Lambda / TDK / EMI EMS30-165-2-D. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Lambda / TDK / EMI EMS30-165-2-D is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units. NIST-traceable calibration for the Lambda / TDK / EMI EMS30-165-2-D is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →

**MODEL****Lambda / TDK /
EMI EMS30-165-2-
D****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****EMS30-165-2-D****LISTING**<https://aumictechlabs.com/products/ems30-165-2-d-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Lambda/TKD/EMI EMS30-165-2-D power supply delivers consistent power for demanding electronic systems. Its durable design and high efficiency make it ideal for industrial automation, telecommunications, and other critical applications. This power supply ensures dependable operation and long-term reliability.

Features & description

From manufacturer datasheet

Features

- 0 to 30 V, 0 to 165 A, 4950 W

EMS301652D Characteristics / Specifications

PARAMETER	VALUE
Model	EMS30-165-2-D
Manufacturer	Lambda EMI / TDK-Lambda Americas
Instrument Type	Switch Mode Programmable DC Power Supply
Series	EMS
Alias	EMS30-165-2-D; EMI EMS30-165-2-D; TDK-Lambda EMS30-165-2-D
Rated Output Voltage	0 to 30 Vdc
Rated Output Current	0 to 165 A
Rated Output Power	4950 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
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
Form Factor	rackmount

PARAMETER	VALUE
RSTL	optional GPIB/RS-232 Notes Specs from TDK-Lambda EMS30-165 listings (30 V, 165 A, 4950 W) and EMS family features. Suffix 2-D is EMI meter/input coding. Confirm AC input phase and RSTL.

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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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

Aumictech

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<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.