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Data Sheet

August 13, 2026

LAMBDA / TDK

Lambda / TDK / EMI ED-5-1205X

The Lambda / TDK EMI ED-5-1205X is a high-quality power supply unit. It provides reliable and efficient power conversion for various electronic devices and systems. It features a compact design and solid construction, making it suitable for demanding applications.



MODEL

Lambda / TDK ED-5-1205X

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

ED-5-1205X

LISTING

<https://aumictechlabs.com/products/ed-5-1205x-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The TDK Lambda EMI ED-5-1205X is a compact power supply unit engineered for efficient power conversion across demanding electronic systems. Built on a foundation of solid construction, this model delivers reliable performance in applications requiring both compact form factor and operational durability. Technical Specifications Manufacturer specifications for input voltage, output voltage, output current, power rating, efficiency, and ripple characteristics are documented in the manufacturer's technical datasheet and product manual available through the TDK Lambda data library. Key Features Compact physical design for space-constrained installations solid construction for demanding operational environments Suitable for reliable power conversion in industrial and electronic applications Typical Applications The ED-5-1205X serves applications requiring stable, efficient DC power conversion with emphasis on form factor and operational dependability. Integration into test equipment, instrumentation, and industrial control systems represents the primary use case. Compatibility & Integration Interface capabilities, mounting

options, and system compatibility are defined by the unit's electrical and mechanical specifications. For detailed integration parameters including communication protocols, control interfaces, environmental ratings, certifications, and dimensional data, consult the manufacturer's technical documentation. Safety certifications and agency approvals are listed on the product datasheet.

ED51205X Characteristics / Specifications

PARAMETER	VALUE
Model	ED-5-1205X
Manufacturer	Nemic-Lambda (TDK-Lambda successor path)
Instrument Type	Switching AC/DC Power Supply
Series	ED
Alias	ED-5-1205X; ED5-1205X; Nemic-Lambda ED-5-1205X
Rated Power	145 W
AC Input	85 to 132 Vac
DC Input	110 to 175 Vdc
Input Frequency	47-440 Hz class Lambda ED (confirm on the nameplate; some listings OCR as 47-44 Hz)
Output Rails	encoded in the 1205X configuration; read the nameplate
Output Voltage	nameplate (do not assume 5 V only because of ED-5)
Output Current	nameplate (do not invent amperes)
Topology	switching AC/DC OEM module
Form	enclosed/open OEM ED chassis; confirm outline on the unit
Mass Listing	about 900 g
Cooling	convection or forced air per ED-5 chassis; confirm fan
Protection	overcurrent / overvoltage class switching OEM
Connections	ED series input/output terminals or connectors
Duty	continuous within 145 W and nameplate rails
Status	legacy Nemic-Lambda ED
Agency	markings on the nameplate
Isolation	nameplate dielectric class
Environment	industrial OEM ambient; confirm on the sheet
Identity Rule	do not copy Mean Well LRS or DPP DIN-rail tables onto ED-5-1205X

PARAMETER	VALUE
Replacement	match ED-5-1205X full suffix if present Notes

ED51205X Specifications

PARAMETER	VALUE
Applications	OEM 145 W embedded DC; Nemic-Lambda ED-series MRO; 85-132 Vac / 110-175 Vdc input equipment.
Key Features	- 145 W class switching supply
Technical Specifications	Model: ED-5-1205X

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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Specifications

PARAMETER	VALUE
Isolation	nameplate dielectric class
Environment	industrial OEM ambient; confirm on the sheet
Identity Rule	do not copy Mean Well LRS or DPP DIN-rail tables onto ED-5-1205X

Replacement: match ED-5-1205X full suffix if present

Notes

Verified from Nemic-Lambda ED-5-1205X listings: 145 W, 85-132 Vac, 110-175 Vdc, about 900 g. Output voltages are configuration-specific. Do not invent rail volts or amperes. Confirm 47-440 Hz vs nameplate frequency.

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