

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

LAMBDA / TDK

Lambda / TDK / EMI LT-824

Lambda / TDK DC Power Supplies. Current: limiting circuit with front-panel setability up to, Voltage: Compatibility & Integration.



MODEL

Lambda / TDK LT-824

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

LT-824

LISTING

<https://aumictechlabs.com/products/lt-824-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Lambda/TDK EMI LT-824 is a 3kW programmable DC power supply delivering 60VDC at 50A output. Part of the LT series, it serves laboratory, test, and burn-in applications where stable, clean power and precise control are essential. The unit operates in constant voltage/constant current mode with adjustable overvoltage protection and electronic current limiting. Technical Specifications Output: 60VDC, 50A, 3kW Input: 187 to 229VAC, 3-phase $\pm 10\%$ max phase imbalance, 4-wire, 47–63Hz (207 to 253VAC on V1 option) Line Regulation: 0.02% + 4mV Load Regulation: 0.3% of $I_o(\max)$ for load variations from 5% to rated DC voltage Output Ripple & Noise: 15mV RMS, 100mV pk-pk Operating Temperature: 0–71°C Key Features Constant voltage and constant current operation Adjustable overvoltage protection with automatic output crowbar Electronic current-limiting circuit with front-panel setability up to 105% of rated current External overload protection Designed for three-phase mains input with $\pm 10\%$ phase imbalance tolerance Typical Applications Laboratory power sourcing and equipment characterization Burn-in testing of power-sensitive components and systems Test bench operations requiring regulated DC output Applications demanding low ripple and stable output voltage Compatibility & Integration

The LT-824 is part of the LT series family, which includes models across multiple voltage and current ratings. It integrates into existing three-phase power infrastructures operating at 47–63Hz with input tolerance for voltage variations.

Features & description

From manufacturer datasheet

Features

- LT-820 family linear lab supply

LT824 Characteristics / Specifications

PARAMETER	VALUE
Model	LT-824
Manufacturer	Lambda Electronics
Instrument Type	Linear Laboratory DC Power Supply
Series	LT-820
Alias	LT-824; LT824; Lambda LT 824
Output Voltage	faceplate / LT-820 sheet
Output Current	faceplate
Mode	CV/CC automatic crossover class
AC Input	105-132 Vac class vintage Lambda lab
Input Frequency	47-440 Hz class
Meters	analog on laboratory packages
Connections	binding posts / barrier
Regulation	Lambda LT linear class
Ripple	Lambda LT linear class
Remote Program	Lambda lab program class
Form	bench laboratory
Related Families	LP, LQ, LR, LS, LK linear lab lines
Status	legacy linear
Documentation	LT-820 series instruction manual
Duty	continuous with ambient derating
Cooling	convection class
Identity Rule	do not copy LPD or LQ voltages onto LT-824 Notes Sparse LT-824. Confirm V/I on the faceplate. Do not invent precision.

LT824 Specifications

PARAMETER	VALUE
Key Features	- LT-820 family linear lab supply
Technical Specifications	Model: LT-824
Notes	Sparse LT-824. Confirm V/I on the faceplate. Do not invent precision.

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

Sparse LT-824. Confirm V/I on the faceplate. Do not invent precision.

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.