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Data Sheet

August 13, 2026

LAMBDA / TDK

Lambda / TDK / EMI LLS9060

Lambda LLS-9060 Programmable Lab Supply 0-60 V 0-14 A The Lambda LLS-9060 (LLS9060) is an LLS-9000 series microprocessor-controlled zero-up laboratory/ATE DC power supply listed as 0-60 V, 0-14 A. LLS Lab Line offers keypad control, user-selectable 110/220 Vac, and optional IEEE-488 (LLS-9060-GPIB). The series reduced housekeeping volume versus earlier Lambda lab supplies. Status is obsolete at TDK with no recommended alternate on the TDK product-center LLS-9060 page. 0-60 V 14 A programmable lab/ATE DC; IEEE-488 LLS-GPIB systems; LLS-9000 MRO. The Lambda LLS-9060 (LLS9060) is an LLS-9000 series microprocessor-controlled zero-up laboratory/ATE DC power supply listed as 0-60 V, 0-14 A. LLS Lab Line offers keypad control, user-selectable 110/220 Vac, and optional IEEE-488 (LLS-9060-GPIB). The series reduced housekeeping volume versus earlier Lambda lab supplies. Status is obsolete at TDK with no recommended alternate on the TDK product-center LLS-9060 page. 0-60 V 14 A programmable lab/ATE DC; IEEE-488 LLS-GPIB systems; LLS-9000 MRO. Manufacturer: Lambda Electronics / TDK-Lambda



MODEL

**Lambda / TDK
LLS9060**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

LLS9060

LISTING

<https://aumictechlabs.com/products/lls9060-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Lambda/TDK EMI LLS9060 is a line filter engineered to suppress electromagnetic interference across power distribution and signal lines. It attenuates both common mode and differential mode noise, enabling compliance with EMC standards in industrial, medical, and

commercial applications. The filter combines common mode choke inductors with X-capacitors to create a low-pass topology that blocks high-frequency noise while preserving signal integrity at operating frequencies.

Technical Specifications

Noise Suppression Architecture Common mode rejection via choke coil inductors and capacitors Differential mode attenuation through across-the-line capacitors

Operating frequency range: 150 kHz to 30 MHz

Insertion loss: 80 dB (differential mode) typical

Leakage current: Below 2 mA

Impedance characteristic: 1000 Ω at 1 GHz with insertion loss exceeding 25 dB

Key Features

- Low-pass filter architecture combining inductors and capacitors
- High insertion loss performance for effective noise rejection
- Minimal leakage current to ground
- Applicable across extended frequency ranges up to 1 GHz in specialized configurations

Typical Applications

- AC power supply
- EMI filtration
- Industrial equipment noise suppression
- Medical device EMC compliance
- General electronic devices requiring conducted emissions control

Compatibility & Integration EN 55011, EN 55032, EN 61000, and FCC Part 15 emissions and immunity requirements. Suitable for integration into power entry modules and distributed filtering architectures where conducted noise mitigation is required.

LLS9060 Characteristics / Specifications

PARAMETER	VALUE
Model	LLS9060
Manufacturer	Lambda Electronics / TDK-Lambda
Instrument Type	Programmable Laboratory DC Power Supply
Series	LLS-9000
Alias	LLS9060; LLS-9060; LLS-9060-GPIB
Voltage Range	0 to 60 Vdc
Current Rating	0 to 14 A
Power Class	840 W class (60 V x 14 A)
Control	microprocessor keypad
Zero Up	0 V / 0 A adjustable
AC Input	user selectable 110/220 Vac
GPIB Option	LLS-9060-GPIB / LLS-9000-GPIB series
Family	LLS-5000 / 6000 / 7000 / 8000 / 9000 Lab Line
Related LLS90	40 V LLS-9000 member
Related LLS91	120 V LLS-9000 member
Status	obsolete (TDK product center LLS-9060)
Form	stand-alone laboratory / ATE half- or full-width LLS chassis
Mode	CV/CC programmable
Meters	digital keypad display class LLS
Documentation	Lambda LLS-9000 / IM-986 GPIB manuals
Identity	not LMS-9060 (LMS is a different zero-up family)
Remote Interface Standard	front keypad; GPIB when GPIB suffix fitted
Cooling	internal LLS Lab Line cooling Notes Specs from Lambda LLS-9060 0-60 V / 0-14 A listings and LLS Lab Line catalog identity. TDK marks LLS-9060 obsolete. Confirm GPIB option and 110/220 switch.

LLS9060 Specifications

PARAMETER	VALUE
Applications	0-60 V 14 A programmable lab/ATE DC; IEEE-488 LLS-GPIB systems; LLS-9000 MRO.
Key Features	- 0-60 V, 0-14 A
Technical Specifications	Model: LLS9060

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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AC Input	user selectable 110/220 Vac
GPIB Option	LLS-9060-GPIB / LLS-9000-GPIB series
Specifications	
PARAMETER	VALUE
Family	LLS-5000 / 6000 / 7000 / 8000 / 9000 Lab Line
Related LLS9040	40 V LLS-9000 member
Related LLS9120	120 V LLS-9000 member

Specifications

PARAMETER	VALUE
Status	obsolete (TDK product center LLS-9060)
Form	stand-alone laboratory / ATE half- or full-width LLS chassis
Mode	CV/CC programmable

Specifications

PARAMETER	VALUE
Meters	digital keypad display class LLS
Documentation	Lambda LLS-9000 / IM-986 GPIB manuals
Identity	not LMS-9060 (LMS isadifferent zero-up family)

Remote Interface Standard: front keypad; GPIB when GPIB suffix fitted

Cooling: internal LLS Lab Line cooling

Notes

Specs from Lambda LLS-9060 0-60 V / 0-14 A listings and LLS Lab Line catalog identity. TDK marks LLS-9060 obsolete. Confirm GPIB option and 110/220 switch.

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>

NIST-traceable calibration · SAM registered ·
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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.