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Data Sheet

August 13, 2026

LAMBDA / TDK

Lambda / TDK / EMI LPT7202FM

Key Features - 0-7 V / 5 A plus two 0-20 V / 1.5 A (30 C) - 0.01% + 1 mV line and load regulation - 500 uVrms ripple; 200 ohm/V program - 105-132 Vac; 235 W input class Technical Specifications Model: LPT7202FM Manufacturer: Lambda Electronics Instrument Type: Triple Output Linear Laboratory DC Power Supply Series: LPT-7202 Alias: LPT-7202-FM; LPT7202FM; LPT-7202 UnitAVoltage: 0 to 7 Vdc UnitACurrent 30 C: 5.0 A UnitACurrent 40 C: 4.5 A UnitBVoltage: 0 to 20 Vdc UnitBCurrent 30 C: 1.5 A UnitBCurrent 40 C: 1.35 A UnitBCurrent 50 C: 1.20 A UnitBCurrent 60 C: 1.0 A UnitCVoltage: 0 to 20 Vdc UnitCCurrent: same derating column as UnitB Voltage Regulation Line: 0.01% plus 1.0 mV for 105-132 Vac Voltage Regulation Load: 0.01% plus 1.0 mV Ripple RMS: 500 uVrms Ripple Peak: 1.5 mV p-p either polarity grounded Temperature Coefficient: less than (0).



MODEL

**Lambda / TDK
LPT7202FM**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

LPT7202FM

LISTING

<https://aumictechlabs.com/products/lpt7202fm-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Lambda / TDK / EMI LPT7202FM is a triple-output DC power supply engineered for laboratory and industrial applications requiring independent voltage and current regulation. Each output operates in constant voltage (CV) and constant current (CC) modes with automatic crossover, delivering three isolated supplies from a single 103 VA unit. Coarse and fine voltage controls with separate meters enable precise setpoint adjustment and real-time monitoring across all

ranges. Technical Specifications Output Configuration Output A: 0–7 VDC @ 5 A Output B: 0–20 VDC @ 1.5 A Output C: 0–20 VDC @ 1.5 A Input and Power Input voltage: 105–125 VAC or 105–132 VAC, 47–440 Hz Optional inputs: 187–242 VAC or 205–265 VAC, 47–440 Hz Input power: 235 W (full load, 30°C ambient, 132 VAC, 60 Hz) Overall rating: 103 VA Regulation and Stability Line regulation: <0.2% or 5 mA, whichever is greater Load regulation: <0.2% or 5 mA, whichever is greater Ripple and noise: 500 μ V RMS; 1.5 mV peak-to-peak Key Features Voltage-regulated outputs for both line and load variations Current-regulated outputs with electronic current-limiting circuit, settable to 105% of rated current Remote sensing provision eliminates power lead voltage drops for tighter regulation Negative or positive terminal grounding, or floating operation Series/parallel output capability - two LPT-7202-FM units in series extend voltage to 300 V between terminals and chassis ground Automatic thermal protection with self-reset upon temperature normalization Frequency operation: 47–440 Hz (derate 10% for 47–53 Hz; consult factory for 63–440 Hz) Typical Applications Component testing, circuit development, prototype power distribution, industrial equipment commissioning, and laboratory benchwork requiring multiple independent supplies.

Features & description

From manufacturer datasheet

Features

- 0-7 V / 5 A plus two 0-20 V / 1.5 A (30 C)

LPT7202FM Characteristics / Specifications

PARAMETER	VALUE
Model	LPT7202FM
Manufacturer	Lambda Electronics
Instrument Type	Triple Output Linear Laboratory DC Power Supply
Series	LPT-7202
Alias	LPT-7202-FM; LPT7202FM; LPT-7202
UnitAVoltage	0 to 7 Vdc
UnitACurrent 30 C	5.0 A
UnitACurrent 40 C	4.5 A
UnitBVoltage	0 to 20 Vdc
UnitBCurrent 30 C	1.5 A
UnitBCurrent 40 C	1.35 A
UnitBCurrent 50 C	1.20 A
UnitBCurrent 60 C	1.0 A
UnitCVoltage	0 to 20 Vdc
UnitCCurrent	same derating column as UnitB Voltage Regulation Line: 0.01% plus 1.0 mV for 105-132 Vac
Voltage Regulation Load	0.01% plus 1.0 mV
Ripple RMS	500 uVrms
Ripple Peak	1.5 mV p-p either polarity grounded
Temperature Coefficient	less than (0.015% + 0.3 mV)/C
Program Resistor	200 ohm per volt
Program Voltage	one-to-one
Current Regulation Line	less than 0.2% or 5 mA, whichever is greater
AC Input	105-132 Vac, 47-440 Hz (10% current derate 47-53 Hz)
Input Power	235 W (full 30 C load, 132 Vac, 60 Hz)
Fuse F	SLO-BLO 5 A AC input

PARAMETER	VALUE
Thermal	thermostat, automatic reset
Current Limit	adjustable electronic, settable to 105% of rated current
Overshoot	none on turn-on, turn-off, or power failure
Ambient	0 to 60 C continuous with TableIcurrents
Series Operation	two outputs of equal rating; 300 V maximum from either DC terminal to chassis
Size Listing	about 12.25 × 5.5 × 12.5 in class (surplus outline)

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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PARAMETER	VALUE
Model	LPT7202FM
Manufacturer	Lambda Electronics
Instrument Type	Triple Output Linear Laboratory DC Power Supply
Specifications	
PARAMETER	VALUE
Series	LPT-7202
Alias	LPT-7202-FM; LPT7202FM; LPT-7202
UnitAVoltage	0 to 7 Vdc
Specifications	
PARAMETER	VALUE
UnitACurrent 30 C	5.0 A
UnitACurrent 40 C	4.5 A
UnitBVoltage	0 to 20 Vdc
Specifications	
PARAMETER	VALUE
UnitBCurrent 30 C	1.5 A
UnitBCurrent 40 C	1.35 A
UnitBCurrent 50 C	1.20 A
Specifications	
PARAMETER	VALUE
UnitBCurrent 60 C	1.0 A
UnitCVoltage	0 to 20 Vdc
UnitCCurrent	same derating column as UnitB Voltage Regulation Line; 0.01% plus 1.0 mV for 105-132 Vac

Specifications

PARAMETER	VALUE
Voltage Regulation Load	0.01% plus 1.0 mV
Ripple RMS	500 uVrms
Ripple Peak	1.5 mV p-p either polarity grounded

Specifications

PARAMETER	VALUE
Temperature Coefficient	less than (0.015% + 0.3 mV)/C
Program Resistor	200 ohm per volt
Program Voltage	one-to-one

Specifications

PARAMETER	VALUE
Current Regulation Line	less than 0.2% or 5 mA, whichever is greater
AC Input	105-132 Vac, 47-440 Hz (10% current derate 47-53 Hz)
Input Power	235 W (full 30 C load, 132 Vac, 60 Hz)

Specifications

PARAMETER	VALUE
Fuse F1	SLO-BLO 5 A AC input
Thermal	thermostat, automatic reset
Current Limit	adjustable electronic, settable to 105% of rated current

Specifications

PARAMETER	VALUE
Overshoot	none on turn-on, turn-off, or power failure
Ambient	0 to 60 C continuous with TableIcurrents
Series Operation	two outputs of equal rating; 300 V maximum from either DC terminal to chassis

Size Listing: about 12.25 x 5.5 x 12.5 in class (surplus outline)

Optional AC: 205-265 Vac or 187-242 Vac 47-440 Hz nameplate variants

Notes

Specs from Lambda IM-LPT LPT-7202-FM instruction manual TableIand regulation paragraphs. Confirm 30 C vs 60 C current column and optional 220 Vac nameplate.

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 ·
30-day returns
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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.