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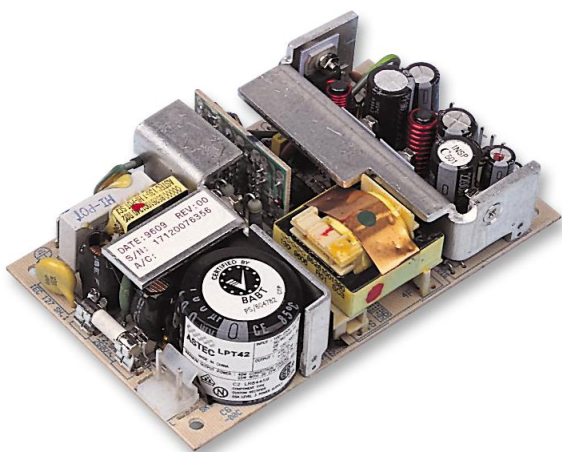
Data Sheet

August 2, 2026

ARTESYN

Artesyn LPT63

The Artesyn LPT63 (LPT63) is an open-frame AC-DC switch-mode power supply in the Artesyn/Advanced Energy LPT60 family, providing triple outputs typically +5 V, +15 V, and -15 V for OEM equipment integration. Maximum power is about 60 W with free-air convection cooling and about 80 W with forced air (about 30 CFM class). Universal AC input covers about 85–264 VAC (also DC input class on family datasheets). Features include main-output overvoltage protection, remote sense on the primary output, and short-circuit protection on all outputs. Minimum loads are required. This is a component power supply for professional installers—not a standalone benchtop product. Medical-approved LPT63-M variants exist in the same family; confirm faceplate marking. OEM embedded power for industrial and instrumentation electronics; triple-rail +5/+15/–15 logic and analog boards; low-power medical/lab equipment when using approved -M variants. Manufacturer: Artesyn (Advanced Energy / Artesyn Embedded Power) Instrument Type: Open-frame AC-DC triple-output power supply Input: about 85–264 VAC (universal); DC input class per family datasheet Outputs (LPT63 class): +5 V; +15 V; -15 V



MODEL

Artesyn LPT63

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

LPT63

LISTING

<https://aumictechlabs.com/products/lpt63-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Artesyn LPT63 is a 60 W open-frame AC-to-DC power supply engineered for ITE and industrial applications requiring compact integration. Operating from universal AC input (85–264

VAC, 47–440 Hz) or DC input (120–300 VDC or 120–370 VDC), the unit delivers three regulated outputs: 5 VDC primary, +15 VDC, and –15 VDC auxiliary rails. The 3" × 5" footprint accommodates space-constrained designs while maintaining 70% typical efficiency at full load.

Technical Specifications

Input Power AC Input: 85–264 VAC, 47–440 Hz; max 1.5 A RMS @ 115 VAC DC Input: 120–300 VDC or 120–370 VDC Inrush Current: <18 A peak @ 115 VAC; <36 A peak @ 230 VAC (cold start, 25 °C) Hold-up Time: 20 ms @ 40–60 W load, 115 VAC nominal

Output Power & Voltage Regulation Convection Cooling: 60 W (5V @ 7 A, +15V @ 2.8 A, –15V @ 0.7 A) Forced Air (30 CFM): 80 W (5V @ 8 A, +15V @ 3.3 A, –15V @ 1 A) Voltage Regulation: 5V ±2%; ±15V ±5% Ripple (peak-to-peak): 5V 50 mV; ±15V 150 mV Main Output Adjustment: –5% to +10%; overvoltage protection set 5.7–6.7 VDC

Safety & Protection Certifications: CB, CE, cULus, cURus; suitable for medical device integration Short-Circuit Protection: All outputs Overload Protection: 110–145% above peak rating Reverse Connection Protection: Yes Safety Ground Leakage: <0.5 mA @ 50/60 Hz, 264 VAC; <75 µA max @ 50/60 Hz, 264 VAC input

Key Features Remote sense input compensates for minimum 0.5 V lead drop; operates without remote sense connected Peak load ratings: 5V 10 A, +15V 4 A, –15V 1.5 A Standard Molex connectors: AC input 09-50-8031, DC output 09-50-8061 Supports both convection and forced-air cooling configurations

Typical Applications Information Technology Equipment, industrial control systems, and OEM integration requiring multi-rail DC power distribution with compact footprint and medical-grade safety approvals. Compatibility & Integration Designed for professional installer and OEM integration into larger systems. Not suitable for standalone operation.

Features & description

From manufacturer datasheet

Features

- Open-frame AC-DC triple-output switcher
- Typical rails: +5 V, +15 V, -15 V (LPT63 class)
- About 60 W convection / 80 W forced-air
- Universal input about 85–264 VAC
- Main-output OVP; remote sense
- Short-circuit protection on all outputs
- Minimum load required
- Component supply for professional installation
- Related: LPT60 family; LPT63-M medical variant

LPT63 Characteristics / Specifications

PARAMETER	VALUE
Model	LPT63 (LPT63; related LPT63-M)
Manufacturer	Artesyn (Advanced Energy / Artesyn Embedded Power)
Instrument Type	Open-frame AC-DC triple-output power supply
Input	about 85–264 VAC (universal); DC input class per family datasheet
Outputs (LPT63 class)	+5 V; +15 V; -15 V
Power	about 60 W convection; about 80 W with forced air
Regulation / Ripple	per LPT60/LPT63 family datasheet (cross-regulation and ripple limits apply)
Protection	OVP on main output; short-circuit on all outputs; overload foldback class
Remote Sense	compensates lead drop on main output (family)
Form Factor	open-frame PCB mount / chassis install component Standard Operating Conditions Observe minimum-load requirements on each rail. Provide required airflow for >60 W operation. Install only within end equipment by qualified professionals; do not operate as a bare standalone supply.
Typical rails	+5 V, +15 V, -15 V (LPT63 class)
Related	LPT60 family; LPT63-M medical variant

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

Specifications

PARAMETER	VALUE
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Protection	OVP on main output; short-circuit on all outputs; overload foldback class
Remote Sense	compensates lead drop on main output (family)
Form Factor	open-frame PCB mount / chassis install component

Standard Operating Conditions

Observe minimum-load requirements on each rail. Provide required airflow for >60 W operation. Install only within end equipment by qualified professionals; do not operate asabare standalone supply.

Operational Notes

Confirm LPT63 vs LPT63-M (medical) and exact output voltage set from the nameplate. Do not invent single-output ratings-this family is triple-output.

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.