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Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec LPS355-CEF 350W Power Supply

The Emerson/Artesyn/Astec LPS355-CEF is a 350W power supply designed for various electronic applications. It provides reliable and efficient power conversion, ensuring stable operation of connected devices. With its solid design and industry-standard certifications, this power supply is suitable for use in industrial, commercial, and medical equipment.

**MODEL****Emerson / Artesyn
/ Astec LPS355-
CEF****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****LPS355-CEF****LISTING**[https://aumictechlabs.c
om/products/lps355-ce
f-2/](https://aumictechlabs.com/products/lps355-cef-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Emerson/Artesyn/Astec LPS355-CEF is a 350 W chassis-mount power supply engineered for industrial, commercial, and medical equipment requiring reliable DC conversion from wide-range AC or DC inputs. This single-output unit delivers 24 V DC at up to 14.6 A (convection cooling) or 16 A peak, with adjustable output from 24 V to 48 V DC. Active power factor correction, remote sense, power-fail signaling, remote inhibit control, and single-wire current sharing enable flexible system integration and redundant configurations. Technical Specifications Input & Output Input: 85–264 VAC or 120–300 VDC, 47–63 Hz (AC) Output: 24 V DC adjustable to 48 V DC, 350 W max Maximum load (convection): 14.6 A; peak: 16 A Auxiliary output: +5 V @ 100 mA (SK5) Ripple P/P:

240 mV Efficiency: 75% Mechanical & Environmental Dimensions: 5" × 9" Weight: 3.6 lb (1.64 kg)
Cooling: End-mounted fan (optional CF cover); requires 30 CFM forced air if fan not used
Operating temperature: 0–70 °C with 2.5% per °C derating above 50 °C Certifications VDE, UL
Recognised, CSA Certified, NEMKO, BABT. Compliant with VDE 0805/EN60950 (IEC950), UL1950,
CSA 22.2-234 level 5, EN 60950, EN61000-3-2 (EMC). Key Features Active power factor
correction reduces input harmonic distortion Remote sense compensates for voltage drops across
distribution wiring Power-fail output signals imminent AC loss for controlled shutdown Remote
inhibit with OVP latch reset enables soft-start and protection management Single-wire current
sharing simplifies parallel redundant topologies Wide input voltage acceptance (AC or DC)
supports global and isolated power sources Typical Applications Industrial process control,
medical instrumentation, commercial telecom equipment, rack-mounted systems requiring
intermediate 24 V distribution, and UPS/battery backup subsystems. Compatibility & Integration
Chassis-mount form factor with single 24 V output accommodates OEM integration into standard
DIN-rail or custom panel enclosures. Auxiliary 5 V output supports logic and control circuits.
Current-sharing capability enables N+1 redundancy without external diodes or control logic.

LPS355CEF Characteristics / Specifications

PARAMETER	VALUE
Model	LPS355-CEF
Series Family	LPS350
Manufacturer Line	Artesyn Embedded Power
Output Voltage Nominal	24 V
Output Voltage Adjust Class	24 to 48 V class for LPS355
Output Current Continuous	14.6 A
Output Current Peak Class	16 A
Output Power	350 W with forced air cover/fan configurations
Output Regulation	+/-2%
Ripple Pard	240 mV
Input Voltage Ac	85 to 264 VAC
Input Voltage Dc	120 to 300 VDC
Input Frequency	47 to 440 Hz
Inrush Current	38 A max cold start at 25 C
Power Factor Typical	0.99
Efficiency Class	75%
Hold Up Time	20 ms at 350 W load, 115 VAC nominal
Safety Ground Leakage	0.5 mA at 50/60 Hz, 264 VAC input
Supervisory Output 5 V	5 V at 500 mA regulated class
Overvoltage Protection Class	10% to 25% above nominal on non-5V models
Dimensions Class	9.00 × 5.00 × 2.50 inch (228.6 × 127.0 x 63.5 mm) class
Operating Temperature	0 C to 70 C with derating
Chassis Form	Chassis mount enclosed with end fan

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 C to 70 C with derating
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Chassis Form	Chassis mount enclosed with end fan Notes From Artesyn LPS350 Series / LPS355-CEF documentation. CEF denotes cover with end-mounted fan; confirm faceplate voltage adjust range on the installed unit.

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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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.