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Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec MP1-3V-3V-1L-30-565 1000W Power Supply

The Emerson/Artesyn/Astec MP1-3V-3V-1L-30-565 is a 1000W power supply designed for various applications requiring a reliable and efficient power source. It features multiple voltage outputs to accommodate different components and systems. This power supply is suitable for industrial, telecommunications, and data processing equipment.

**MODEL****Emerson / Artesyn
/ Astec MP1-3V-
3V-1L-30-565****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****MP1-3V-3V-1L-30-
565****LISTING**[https://aumictechlabs.c
om/products/mp1-3v-3
v-1l-30-565-2/](https://aumictechlabs.com/products/mp1-3v-3v-1l-30-565-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Emerson/Artesyn/Astec MP1-3V-3V-1L-30-565 is a 1000W configurable power supply engineered for industrial, telecommunications, and data processing environments. This modular architecture accepts up to seven intelligent DC-DC converter modules, enabling custom output voltage and current configurations from 2V to 60V. The system delivers precision voltage regulation with microprocessor-controlled PFC and comprehensive I2C control for intelligent power management across demanding applications. Technical Specifications Input: 85–264 VAC or 120–300 VDC with microprocessor-controlled PFC and active inrush protection Total Power: 1000W maximum Output Modules: Up to 7 slots; single, dual, and triple output modules available

in four power ranges Voltage Regulation: 0.4% or 20 mV (whichever is greater) Ripple (RMS): 0.1% or 10 mV (whichever is greater) Ripple (Peak-to-Peak): 1.0% or 50 mV (whichever is greater) Dynamic Response: <2% or 100 mV for 25% load step Recovery Time: Within 1% in 2 A Harmonic Distortion: EN61000-3-2 compliant Conducted Emissions: CISPR 22, EN55022 Curve B Immunity: EN61000 standards Key Features Configurable output sequencing and voltage margining (± 4 –6% typical on single output modules) Global and individual module inhibit/enable controls Configurable current limit (foldback or constant current) Short-circuit protection with auto-recovery on all outputs Overload protection on all outputs Manual or I2C voltage adjustment Isolated 5V bias voltage available Global and configurable DC OK signaling Low leakage option for medical applications I2C-based monitoring of voltage, current, and temperature Interfaces & Control I2C control for voltage adjustment, threshold programming, and real-time monitoring. 10-position control connectors with gold-plated contacts (Molex 90142-0010 compatible with 90119-2110 crimp contacts, C-Grid III Series). Typical Applications Industrial power distribution, telecommunications infrastructure, and data processing systems requiring multi-voltage outputs with independent sequencing and intelligent load management.

MP13V3V1L30565 Characteristics / Specifications

PARAMETER	VALUE
Configuration Code	MP1-3V-3V-1L-30-565
Case Model	MP1
Total Power Low Line Class	1000 W maximum
Total Power High Line Class	1200 W maximum
Case Dimensions	63.5 mm x 203.2 mm x 279.4 mm
Case Size Inches	2.5 × 8 × 11
Available Slots	7
Input Voltage AC	85 to 264 VAC
Input Voltage DC	120 to 350 VDC
Input Frequency	47 to 63 Hz class also to 440 Hz on related sheets
Inrush Current	soft start limited
Efficiency Typical	70 to 80 percent at full case load
Power Factor Typical	0.99 meets EN61000-3-2
Turn On Time AC	1.5 s typical
Inhibit Enable Delay	150 ms typical
Emi Filter	CISPR 22 EN55022 LevelBLeakage Current Standard: 2.0 mA maximum at 240 VAC
Leakage Current Low Leakage Option	300 uA maximum at 240 VAC
Holdover Storage	20 ms minimum
Ac Ok Warning	greater than 5 ms before loss of regulation
Input Fuse Internal	20 A
Case Mass Class	5.0 lb empty case
Single Module Power Classes	210 W 360 W 600 W
Dual Module Power Class	144 W
Triple Module Power Class	36 W
Output Voltage Module Range Class	2 to 60 V singles

PARAMETER	VALUE
Remote Control	TTL global inhibit enable
Warranty Class	2 years

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	
Technical Specifications	
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Leakage Current Low Leakage Option	300 uA maximum at 240 VAC
Holdover Storage	20 ms minimum
Ac Ok Warning	greater than 5 ms before loss of regulation
Input Fuse Internal	20 A
Case Mass Class	5.0 lb empty case
Single Module Power Classes	210 W 360 W 600 W
Dual Module Power Class	144 W
Triple Module Power Class	36 W
Output Voltage Module Range Class	2 to 60 V singles

PARAMETER	VALUE
Remote Control	TTL global inhibit enable

Specifications

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Notes

This file maps inventory configuration MP1-3V-3V-1L-30-565 to the published Artesyn modular platform

specifications. Installed rail voltages and currents are defined by the module codes in the configuration string.

Platform specs from Artesyn MP Series 400-1200 W configurable power supply datasheet. Individual MP1-... configuration strings select installed output modules only; rails and currents are defined by the module codes in the part number.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<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.