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**Data Sheet**

August 15, 2026

EMERSON / ARTESYN / ASTEC

# Emerson / Artesyn / Astec MP1-1L-1N-1Q-1L-1I-1J-NNI-00-567 1000W Power Supply

The Emerson / Artesyn / Astec MP1-1L-1N-1Q-1L-1I-1J-NNI-00-567 is a 1000W power supply designed for various applications. It provides reliable and efficient power conversion.

**MODEL****Emerson / Artesyn / Astec MP1-1L-1N-1Q-1L-1I-1J-NNI-00-567****CALIBRATION****Available on request****CONDITION****Used****STATUS****In stock****RFQ / SKU****MP1-1L-1N-1Q-1L-1I-1J-NNI-00-567****LISTING**<https://aumictechlabs.com/products/mp1-1l-1n-1q-1l-1i-1j-nni-00-567-2/>

NIST-traceable cal

SAM registered

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NAICS 423690 • 811210 • 541380

## This unit

The Emerson / Artesyn / Astec MP1-1L-1N-1Q-1L-1I-1J-NNI-00-567 is a 1000 W modular power supply built for industrial and enterprise systems requiring multi-output voltage configurations. The MP1 chassis accepts up to seven output modules, each independently configurable to deliver specific voltage and current combinations. This architecture enables single-unit deployment across diverse load requirements without custom engineering. Technical Specifications Power & Input Maximum output power: 1000 W Input voltage (AC): 85 – 264 VAC Input voltage (DC): 120 – 350 VDC Chassis dimensions: 2.5 × 8 × 11 inches Output Modules (Standard Configuration) Slot 1: 12 V @ 17 A Slot 2: 15 V @ 2 A Slot 3: 24 V @ 3 A Slot 4: 12 V @ 17 A Slot 5: 8 V @ 2 A Slot 6: 10 V @ 2.5 A Slot 7: Available for additional output modules Output Performance Voltage regulation:

0.4% or 20 mV maximum Ripple (RMS): 0.1% or 10 mV (whichever is greater) Ripple (peak-to-peak): 1.0% or 50 mV (whichever is greater), 20 MHz bandwidth limit Voltage adjustment range:  $\pm 10\%$  minimum on all outputs Margining:  $\pm 4 - 6\%$  nominal on single output modules

Environmental & Reliability Operating temperature:  $-20\text{ }^{\circ}\text{C}$  to  $50\text{ }^{\circ}\text{C}$  (derated from  $0\text{ }^{\circ}\text{C}$  for full output; linear derate to 50% at  $70\text{ }^{\circ}\text{C}$ ) Storage temperature:  $-40\text{ }^{\circ}\text{C}$  to  $85\text{ }^{\circ}\text{C}$  Humidity: 95% non-condensing Shock/vibration: MIL-HDBK-810E compliant MTBF: >550,000 hours at full load, 220 VAC,  $25\text{ }^{\circ}\text{C}$  ambient

Key Features Modular slot architecture supports independent output configurations Current share capability on outputs rated 10 A or greater Remote sense on outputs >2 A Overload protection on all outputs Field-replaceable internal DC fan; optional customer-provided air option Linear temperature derating maintains stable operation across  $-20\text{ }^{\circ}\text{C}$  to  $50\text{ }^{\circ}\text{C}$  range

Typical Applications Complex industrial control systems, enterprise telecom equipment, multi-rail distributed power architectures, and systems demanding high reliability and extended operating life. Compatibility & Integration MP1 series modular design allows field reconfiguration via swappable output modules. Remote sensing and margining support enable integration into precision test and measurement systems. MIL-HDBK-810E qualification ensures performance in harsh mechanical environments.

## MP11L1N1Q1L1I1JNNI00567 Characteristics / Specifications

| PARAMETER                          | VALUE                                                                      |
|------------------------------------|----------------------------------------------------------------------------|
| Configuration Code                 | MP1-1L-1N-1Q-1L-1I-1J-NNI-00-567                                           |
| 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           |                                                    |
| PARAMETER                          | VALUE                                              |
| Configuration Code                 | MP1-1L-1N-1Q-1L-1I-1J-NNI-00-567                   |
| Case Model                         | MP1                                                |
| Total Power Low Line Class         | 1000 W maximum                                     |
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| Emi Filter                         | CISPR 22 EN55022 Level B                           |
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| PARAMETER                          | VALUE                                                                      |
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| Triple Module Power Class          | 36 W                                                                       |
| Output Voltage Module Range Class  | 2 to 60 V singles                                                          |
| Remote Control                     | TTL global inhibit enable                                                  |

Warranty Class: 2 years

Notes  
This file maps inventory configuration MP1-1L-1N-1Q-1L-1I-1J-NNI-00-567 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](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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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.