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Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec MP1-1L-1N-1J-1Q-4LL-4NN-00-618 1000W Power Supply

The Emerson/Artesyn/Astec MP1-1L-1N-1J-1Q-4LL-4NN-00-618 is a 1000W power supply designed for various applications. It features multiple voltage outputs to support a wide range of devices and systems. This power supply is engineered for reliability and efficient power conversion.

**MODEL****Emerson / Artesyn
/ Astec MP1-1L-1N-
1J-1J-1Q-4LL-
4NN-00-618****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****MP1-1L-1N-1J-1J-
1Q-4LL-4NN-00-
618****LISTING****[https://aumictechlabs.c
om/products/mp1-1l-1n-
1j-1j-1q-4ll-4nn-00-618
-2/](https://aumictechlabs.com/products/mp1-1l-1n-1j-1j-1q-4ll-4nn-00-618-2/)**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Emerson/Artesyn/Astec MP1-1L-1N-1J-1J-1Q-4LL-4NN-00-618 is a 1000 W modular power supply system from the MVP series designed for industrial and medical applications requiring multi-output configurations. The seven-slot chassis accepts intelligent DC-DC converter modules in single, dual, or triple output topologies, enabling output voltage ranges from 2 V to 60 V. Built-in PFC delivers 85–264 VAC or 120–350 VDC input with ≤20 ms holdover storage and meets EN61000-3-2 harmonic limits and CISPR 22/EN55022 Class B EMI performance. Technical Specifications Input: 85–264 VAC or 120–350 VDC Output Power: 1000 W maximum Output

Voltage Range: 2 V to 60 V (module-dependent) Output Regulation: 0.4% or 20 mV max (36 W modules 4% max) 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 with 25% load step Recovery Time: Within 1% in 2 A Overload and short-circuit protection on all outputs Global and individual module inhibit/enable Input-OK and Global DC-OK status indicators AC-OK early warning signal (>5 ms before regulation loss) Internal DC fan (field replaceable) or customer-supplied air cooling Operating temperature: -20 °C to 50 °C (derated to 50% at 70 °C) Storage temperature: -40 °C to 85 °C Humidity rating: 95% non-condensing Safety & Compliance UL1950, UL60950 certified EN61000-3-2 harmonic compliance CISPR 22/EN55022 Class B (conducted and radiated) Mil-Hdbk-810E shock and vibration rated Typical Applications Industrial control systems, medical equipment, telecommunications infrastructure, and environments requiring high reliability and flexible output configuration.

MP11L1N1J1J1Q4LL4NN00618 Characteristics / Specifications

PARAMETER	VALUE
Configuration Code	MP1-1L-1N-1J-1J-1Q-4LL-4NN-00-618
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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Notes
This file maps inventory configuration MP1-1L-1N-1J-1J-1Q-4LL-4NN-00-618 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 ·
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.