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Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec MP1-1L-1N-1J-1Q-4LL-4NN-00-479 1000W Power Supply

The Emerson/Artesyn/Astec MP1-1L-1N-1J-1Q-4LL-4NN-00-479 is a solid 1000W power supply designed for a variety of applications. It provides reliable and efficient power conversion, featuring multiple outputs to support diverse system requirements. Ideal for industrial and commercial settings, this power supply ensures stable performance and long-term durability.

**MODEL****Emerson / Artesyn
/ Astec MP1-1L-1N-
1J-1Q-4LL-
4NN-00-479****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****MP1-1L-1N-1J-1Q-
4LL-4NN-00-
479****LISTING**<https://aumictechlabs.com/products/mp1-1l-1n-1j-1q-4ll-4nn-00-479-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Emerson MP1-1L-1N-1J-1Q-4LL-4NN-00-479 is a 1000W modular power supply system engineered for high-density, configurable output architectures. Seven available slots accommodate customized voltage and current combinations to meet application-specific requirements across industrial and medical sectors. The platform delivers field-proven reliability with active power factor correction, intelligent fan speed control, and comprehensive protection mechanisms including current limiting, output sequencing, and remote sensing on high-current

rails. Technical Specifications Input Power: 85–264 VAC / 120–300 VDC, 50/60 Hz Maximum Output: 1000W Physical Dimensions: 2.5" × 8" × 11" Internal Input Fuse: 20A Holdover Storage: 20 ms minimum Operating Temperature Range: –20 °C to +50 °C (50% derating at 70 °C) Storage Temperature Range: –40 °C to +85 °C Humidity: 95% non-condensing Temperature Coefficient: 0.02% per °C MTBF (Field Demonstrated): >550,000 hours at full load, 220 VAC, 25 °C Mechanical Shock/Vibration: MIL-HDBK-810E Harmonic Distortion: EN61000-3-2 compliant Radiated EMI: CISPR 22/EN55022 Class B Conducted EMI: CISPR 22, EN55022 Curve B Isolation: EN60950 certified Key Features Current sharing on all outputs ≥10A; remote sense on outputs >2A Individual module and global inhibit/enable with TTL logic control Configurable output sequencing (ascending/descending) Selectable current limiting: foldback or constant-current mode Voltage adjustment per output via manual or I²C interface Output margining on single-output modules Status indication: Input-OK and Global DC-OK LEDs Forced-air cooling with field-replaceable fan (P/N 73-688-0001) and intelligent speed control Isolated 5V bias voltage Low-leakage option for medical applications Optional conformal coating and SEMI F47 extended hold-up module Output Configuration Slot 3 & 4: 10V @ 18A (dual channels) Slot 5: 24V @ 3A Slots 1 & 2: Configurable modules (1L, 1N designations) Certifications UL, CSA, TÜV, BABT, CB, CE Mark

MP11L1N1J1J1Q4LL4NN00479 Characteristics / Specifications

PARAMETER	VALUE
Configuration Code	MP1-1L-1N-1J-1J-1Q-4LL-4NN-00-479
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-00-479 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

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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.