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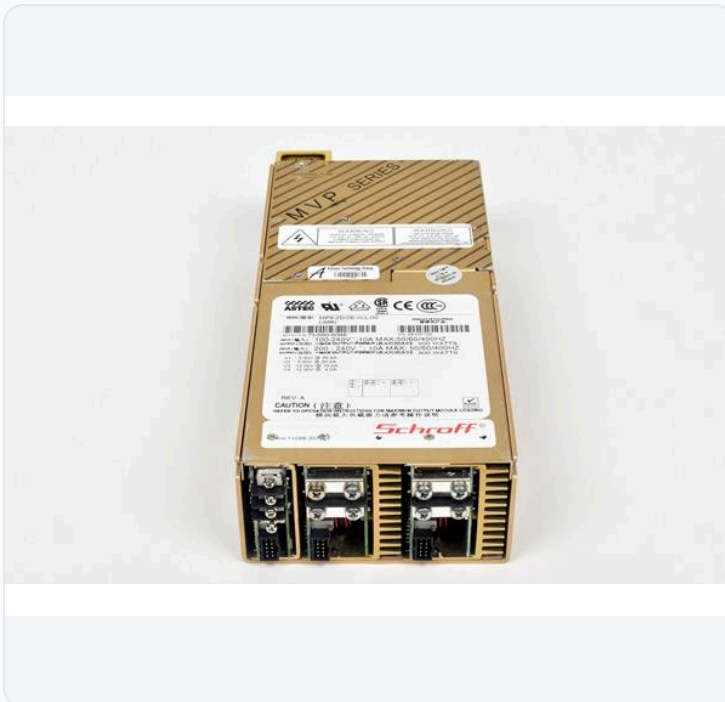
Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec MP6-2D-2E-4LL-00-688 600W Power Supply

The Emerson/Artesyn/Astec MP6-2D-2E-4LL-00-688 is a 600W 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 high-quality components, this power supply offers excellent performance and durability.

**MODEL****Emerson / Artesyn
/ Astec MP6-2D-
2E-4LL-00-688****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****MP6-2D-2E-4LL-
00-688****LISTING**[https://aumictechlabs.c
om/products/mp6-2d-2
e-4ll-00-688-2/](https://aumictechlabs.com/products/mp6-2d-2e-4ll-00-688-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Emerson/Artesyn/Astec MP6-2D-2E-4LL-00-688 is a 600 W configurable power supply system from the MVP series, engineered for industrial and electronic applications demanding flexible output configurations. This modular platform supports customized voltage and current combinations across five available slots, with fixed 3.3 V @ 60 A and 5 V @ 60 A outputs plus configurable secondary modules. The unit accepts 85–264 VAC or 120–300 VDC input and delivers stable, regulated power through integrated power factor correction and EN61000-3-2 harmonic compliance. Technical Specifications Maximum Output Power: 600 W Input Range: 85–264 VAC / 120–300 VDC Physical Dimensions: 2.5 × 5 × 10 inches Slot Configuration: 5 available

slots; Slot 1: 3.3 V @ 60 A; Slot 2: 5 V @ 60 A; Slots 3–5: Configurable modules (e.g., 12 V @ 10 A or 12 V @ 4 A) Operating Temperature: –20°C to +50°C (linear derating to 50% at 70°C) Storage Temperature: –40°C to +85°C Humidity: 95% non-condensing Internal Fuse: 15 A Temperature Coefficient: 0.02% per °C Key Features Current share supported on all outputs rated ≥ 10 A Remote sense capability on outputs > 2 A Overload protection on all outputs with voltage adjustment Margining supported on single output modules Global and individual module inhibit/enable control Input-OK and Global DC-OK status indicator LEDs Forced air cooling with field-replaceable fan and fan-fail signal EMI compliance: CISPR 22 / EN55022 Curve B (conducted and radiated) Isolation per EN60950 Low-leakage medical option available Environmental & Mechanical The unit meets Mil-Hdbk 810E standards for shock and vibration. Certifications include UL, CSA, IEC, VDE, BABT, CB, and CE Mark. Typical Applications Industrial control systems, telecommunications infrastructure, medical equipment, and distributed power architectures requiring modular, field-configurable supplies with intelligent control and status monitoring.

MP62D2E4LL00688 Characteristics / Specifications

PARAMETER	VALUE
Configuration Code	MP6-2D-2E-4LL-00-688
Case Model	MP6
Total Power Low Line Class	600 W maximum
Total Power High Line Class	800 W maximum
Case Dimensions	63.5 mm x 127 mm x 279.4 mm
Case Size Inches	2.5 × 5 × 11
Available Slots	5
Input Voltage AC	85 to 264 VAC
Input Voltage DC	120 to 350 VDC
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
Holdover Storage	20 ms minimum
Ac Ok Warning	greater than 5 ms before loss of regulation
Input Fuse Internal	15 A
Case Mass Class	3.2 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
Remote Control	TTL global inhibit enable
Inrush Current	soft start limited
Isolation	meets EN60950 class

PARAMETER	VALUE
Harmonic Current	meets EN61000-3-2
Warranty Class	2 years
Manufacturer Brands	Artesyn Emerson Astec

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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Manufacturer Brands: Artesyn Emerson Astec

Notes

This file maps inventory configuration MP6-2D-2E-4LL-00-688 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 datasheet MP6 case row. Configuration codes such as MP6-2D-2E-4LL-00-688 select module population only.

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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<https://aumictechlabs.com>

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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.