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Data Sheet

August 15, 2026

ADVANCED ENERGY / ARTESYN

Advanced Energy / Artesyn 7001540-J000 Power Supply

Advanced Energy / Artesyn AC Power Supply. Frequency Range: 50–60 Hz, Voltage / Current Range: +3.36V standby @ 0.45A output, +5.1V @ 30A, 100–240 VAC input; +12V @ 40A.



MODEL

**Advanced Energy /
Artesyn 7001540-
J000**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

7001540-J000

LISTING

[https://aumictechlabs.c
om/products/7001540-j
000-2/](https://aumictechlabs.com/products/7001540-j000-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Advanced Energy/Artesyn 7001540-J000 is a 573W internal server AC power supply engineered for high-density computing environments. This μ MP Series GEN II unit delivers stable, efficient power conversion across wide input ranges with active inrush control and multi-output rail architecture. The supply combines 91% typical efficiency with 0.99 power factor and 80 PLUS compliance for server and storage applications. Technical Specifications Input Characteristics Input voltage range: 100–240 VAC Input frequency: 50–60 Hz Maximum input current: 7.20A AC inrush control: Active, limited to 40A maximum at turn-on Output Rails +12V: 40A maximum (575W at full load) +5.1V: 30A maximum +3.36V standby: 0.45A maximum Performance Rated power: 573W Efficiency: Up to 91% typical (180–264 VAC at full load); 90.74% typical at 50% load with 230V input Power factor: 0.99 typical 80 PLUS certified Physical Interface Form factor: Internal

Ejector handle included Status LEDs for operational indication

Key Features

- Multi-voltage output configuration optimized for server motherboards and peripheral circuits
- Active AC inrush limiting protects upstream distribution and reduces nuisance breaker trips
- High power factor design minimizes reactive power draw in facility infrastructure
- Standby rail supports low-power system management during sleep states
- Integrated status monitoring via LED indicators

Typical Applications

- Internally mounted server PSUs for rack-mount systems, storage arrays, and compute nodes requiring dual-voltage (12V/5V) architecture with standby power capability.

Compatibility & Integration

- Part of the Artesyn μ MP Series GEN II configurable platform. Listed as compatible with HP/Emerson StorageWorks MSA2000 storage systems.

7001540J000 Characteristics / Specifications

PARAMETER	VALUE
Model	7001540-J000
Instrument Type	embedded power supply
Manufacturer	Advanced Energy / Artesyn
Literature	Advanced Energy / Artesyn 7001540-J000 power supply listing
Family	Artesyn / AE 7001540
Form Factor	embedded PSU module
System Role	OEM host bulk power
Application Class	embedded AC/DC or DC/DC per label
Brand Lineage	Artesyn Advanced Energy
Queue Title	Advanced Energy / Artesyn 7001540-J000 Power Supply
Documentation Type	OEM 7001540-J000 listing
Use Case	drop-in Artesyn/AE brick
Vendor Path	Advanced Energy / Artesyn
Year Class	7001540 generation
Suffix	J000 remaining-queue configurator
Voltage Class	output volts on the 7001540-J000 label
Current Class	output amperes on the 7001540-J000 label
Mains Class	input on the 7001540-J000 label
Pin Class	pinout on the 7001540-J000 drawing
Cooling Class	convection or forced air on the 7001540-J000 sheet
Safety Class	safety marks on the 7001540-J000 label
Related Nfs	archive NFS45/NAN40/NFN40 are different Artesyn families, not this SKU
Module Class	embedded PSU
Host Class	OEM instrument or server host
Connector Class	input/output connectors on the 7001540-J000 drawing

PARAMETER	VALUE
Ate Class	embedded power

7001540J000 Specifications

PARAMETER	VALUE
Applications	Embedded bulk power in hosts that specify Artesyn/AE 7001540-J000.
Key Features	Advanced Energy / Artesyn 7001540-J000
Embedded OEM power supply	J000 remaining-queue suffix
Technical Specifications	Model: 7001540-J000

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	
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Notes
From the remaining-queue title (Advanced Energy / Artesyn 7001540-J000 power supply). Volts, amperes, and pinout are on the 7001540-J000 label. Do not copy NFS45/NAN40/NFN40 catalog numbers onto this SKU.

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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.