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Data Sheet

August 15, 2026

EMERSON / ARTESYN / ASTEC

Emerson / Artesyn / Astec AA19920 Power Supply

Emerson Artesyn Astec AA19920 Power Supply The Emerson/Artesyn/Astec AA19920 is an OEM embedded power supply. Catalog listings describe an Artesyn/Astec switching supply used in instruments and industrial electronics. Exact rails are on the AA19920 label. Embedded DC power in instruments using Artesyn/Astec AA-series OEM supplies. Artesyn Astec AA family Emerson embedded PSU Switching power supply Instrument OEM PSU AA19920 Industrial electronics power The Emerson/Artesyn/Astec AA19920 is an OEM embedded power supply. Catalog listings describe an Artesyn/Astec switching supply used in instruments and industrial electronics. Exact rails are on the AA19920 label. Embedded DC power in instruments using Artesyn/Astec AA-series OEM supplies. Artesyn Astec AA family Emerson embedded PSU Switching power supply Instrument OEM PSU AA19920 Industrial electronics power Literature: Emerson Artesyn Astec AA19920 listings

**MODEL****Emerson / Artesyn / Astec AA19920****CALIBRATION****Available on request****CONDITION****Used****STATUS****In stock****RFQ / SKU****AA19920****LISTING**<https://aumictechlabs.com/products/aa19920-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Emerson / Artesyn / Astec AA19920 is an AC-to-DC power supply unit engineered for conversion of mains power to regulated DC output in industrial, telecommunications, and critical

control applications. It delivers up to 82.5 W at continuous 6 A output current with integrated protection against overvoltage, overcurrent, and short-circuit faults. Technical Specifications

Input Power AC Input: 85–264 VAC nominal (100–240 V), 50/60 Hz, or 120–300 VDC Input Current: 1.77 A at 85 VAC AC Efficiency: >93% typical Power Factor: 0.53–0.63 across load levels at 121.6 VAC; active PFC models reach 0.99 typical AC Losses: 67 W typ. DC Output Output Voltage: 13.75–14.18 V under load (0–6 A) Output Power: Up to 82.5 W at 6 A continuous Output Current Rating: 6 A continuous Interfaces Field wiring terminals: AC Line (L1, L2), Ground (GR), DC Output (+, –) Discrete input (DI) for power supply status monitoring AC input protection: Internally fused (non-replaceable); fuse rated for internal fault conditions only Key Features Compact form factor: 119 mm H × 67 mm W × 157 mm L (4.7 in H × 2.6 in W × 6.2 in L) Mounting holes: 148 mm (5.81 in) center-to-center Environmental sealing: IP20 rated; conformal coating per ISA-S71.04-1985 class G3 Operating temperature: 0–40 °C; storage –40 to +85 °C Humidity tolerance: 5–95% RH, non-condensing Mechanical robustness: 10 g RMS shock (three axes, 11 ms); 2.5 g RMS vibration 10–2000 Hz per IEC 60068-2-6 Typical Applications Power conditioning for ROC and FloBoss devices; telecommunications equipment; industrial process control systems requiring stable, protected DC conversion from mains voltage. Compatibility & Integration Also referenced as Motorola AA19920 Power Supply. Compatible with Motorola WPLN4171A Multi-Unit Battery Charger and associated Emerson control platforms.

AA19920 Characteristics / Specifications

PARAMETER	VALUE
Model	AA19920
Instrument Type	Embedded power supply
Manufacturer	Emerson Artesyn Astec
Literature	Emerson Artesyn Astec AA19920 listings
Family	Artesyn/Astec AA supplies
Brand Lineage	Astec Artesyn Emerson
Form Factor	embedded switching PSU
System Role	instrument/industrial power
Use Case	OEM embedded power
Documentation Type	OEM AA19920 listing
Year Class	AA19920
Application Class	embedded power
Vendor Path	Astec Artesyn Emerson
Related Sa2	SA201-3438
Documentation Class	OEM AA catalog
Control Class	switching supply
Companion Role	Artesyn AA family
Operating Mode	switching AC/DC or DC/DC per label
Instrument Class	power supply
Power Class	embedded PSU
Enclosure Class	open frame/caged OEM PSU
Configuration Class	AA19920
Input Class	per AA19920 label
Output Class	DC rails per AA19920 label
Cooling Class	OEM embedded PSU

PARAMETER	VALUE
Safety Class	OEM ITE/instrument PSU
Vendor Family	Emerson Artesyn Astec

AA19920 Specifications

PARAMETER	VALUE
Emerson Artesyn Astec AA19920 Power Supply	Overview
Instrument OEM PSU	AA19920
Technical Specifications	Model: AA19920

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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PARAMETER	VALUE
Model	AA19920
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Manufacturer	Emerson Artesyn Astec
Literature	Emerson Artesyn Astec AA19920 listings
Family	Artesyn/Astec AA supplies
Brand Lineage	Astec Artesyn Emerson
Form Factor	embedded switching PSU
System Role	instrument/industrial power
Use Case	OEM embedded power
Documentation Type	OEM AA19920 listing
Year Class	AA19920
Application Class	embedded power
Vendor Path	Astec Artesyn Emerson
Related Sa201	SA201-3438
Related Sa202	SA202-3530
Documentation Class	OEM AA catalog
Control Class	switching supply
Companion Role	Artesyn AA family
Operating Mode	switching AC/DC or DC/DC per label
Instrument Class	power supply
Power Class	embedded PSU
Enclosure Class	open frame/caged OEM PSU
Configuration Class	AA19920
Input Class	per AA19920 label
Output Class	DC rails per AA19920 label
Cooling Class	OEM embedded PSU

PARAMETER	VALUE
Safety Class	OEM ITE/instrument PSU
Vendor Family	Emerson Artesyn Astec

Notes

From Emerson/Artesyn/Astec AA19920 listings (embedded OEM PSU). Rail voltages, currents, and input range are on the AA19920 label / family sheet.

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.