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Data Sheet

August 15, 2026

EMERSON / ASTEC

Emerson / Astec SA202-3530 Power Supply

The Emerson/Astec SA202-3530 is a 200-watt power supply designed for industrial applications. It features an auto-ranging AC input that accepts 90-135 VAC or 180-265 VAC at 47-63 Hz. The unit is equipped with multiple outputs and offers protection against overvoltage and short circuits. Its design includes a self-contained fan for cooling and operates within an ambient temperature range of 0°C to +50°C, with a storage temperature range of -40°C to +70°C. The power supply has a high Mean Time Between Failures (MTBF) of over 100,000 hours at 75% load and 25°C ambient conditions. It complies with EMI/RFI standards such as FCC Part 15, Subpart B Class B and CISPR 22. At Aumictech, we specialize in sourcing and supplying high-reliability industrial power solutions. Whether you need solid power for SCADA and HMI systems, consistent performance for control applications, or reliable components

**MODEL****Emerson / Astec
SA202-3530****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****SA202-3530****LISTING**<https://aumictechlabs.com/products/sa202-3530-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Emerson/Astec SA202-3530 is a 200-watt power supply designed for industrial applications. It features an auto-ranging AC input that accepts 90-135 VAC or 180-265 VAC at 47-63 Hz. The unit is equipped with multiple outputs and offers protection against overvoltage and short circuits. Its design includes a self-contained fan for cooling and operates within an ambient temperature range of 0°C to +50°C, with a storage temperature range of -40°C to +70°C. The power supply

has a high Mean Time Between Failures (MTBF) of over 100,000 hours at 75% load and 25°C ambient conditions. It complies with EMI/RFI standards such as FCC Part 15, Subpart B Class B and CISPR 22. Technical Specifications Electrical * Manufacturer: Emerson / Astec Model: SA202-3530 Total Power Output: 200 Watts Input Voltage Range: * 90-135 VAC (auto select) * 180-265 VAC (auto select) * Note: Minimum AC input voltage can be 85 Vrms with a derating to 160 W output power. Input Frequency: 47-63 Hz Input Current: * 5 A @ 115 VAC * 3 A @ 230 VAC * 8 A @ 100-127 VAC * 5 A @ 200-240 VAC Peak Inrush Current: <40 A peak @ 135 V, cold start at 25°C Efficiency: >65% @ full load, nominal line Hold-up Time: * 17 ms at full load @ 115 VAC * 20 ms at full load @ 230 VAC Transient Response: All outputs shall remain within regulation for a 20% load change from 10 Hz - 1 KHz and a 50% duty cycle condition. Outputs: Six outputs * Overvoltage Protection: * +3.3 V: Trip point <4.6 V * +5 V: Trip point <7.0 V * +12 V: Trip point <15.6 V * Note: Recycle AC or PS-On to reset. * Short Circuit Protection: Latch off on main outputs if one of the mains shorts to common ($R < 0.03 \text{ Ohm}$), but +5 VSB shall remain normal. Recycle AC or PS-On to reset. Power Good Signal: TTL compatibility Remote On/Off (ROO): Active low, to turn main outputs on. TTL compatibility. Standby Supply: +5 VSB (SELV) AC Convenience Outlet: Output voltage is dependent on input voltage. Environmental * Operating Temperature: 0°C to +50°C ambient Storage Temperature: -40°C to +70°C Cooling: Self-contained fan MTBF: >100,000 hours at 75% load and 25°C ambient conditions Compliance and Certifications * EMI/RFI: FCC Part 15, Subpart B Class B and CISPR 22 Safety Standards: * UL 1950 * CSA 22.2-234 LR53982C * VDE 0805 * NEMKO P97101648 CE Mark: Energy Star: Physical * Dimensions: * Width: 19.0 cm * Length: 19.0 cm * Height: 11.0 cm Weight: 1.4000 kg (Note: One source lists 1.16 kgs) Why Choose Aumictech for Emerson / Astec SA202-3530? At Aumictech, we specialize in sourcing and supplying high-reliability industrial power solutions. Whether you need solid power for SCADA and HMI systems, consistent performance for control applications, or reliable components for complex electronic devices, our team ensures the Emerson / Astec SA202-3530 power supply delivers maximum performance and longevity for your critical infrastructure.

SA2023530 Characteristics / Specifications

PARAMETER	VALUE
Model	SA202-3530
Base Family	SA202
Instrument Type	Embedded AC/DC power supply
Manufacturer	Emerson Astec Artesyn
Literature	Emerson Astec SA202-3530 listings
Family	Artesyn/Astec SA202 supplies
Brand Lineage	Astec Artesyn Emerson
Form Factor	embedded switching PSU
System Role	instrument/industrial AC/DC
Use Case	OEM embedded power
Documentation Type	OEM SA202-3530 listing
Year Class	SA202
Application Class	embedded power
Vendor Path	Astec Artesyn Emerson
Related Sa2	SA201-3438
Related Aa199	AA19920
Documentation Class	OEM SA202 catalog
Control Class	AC/DC switching supply
Companion Role	Artesyn SA family
Operating Mode	switching AC/DC
Instrument Class	power supply
Power Class	embedded AC/DC
Enclosure Class	open frame/caged OEM PSU
Configuration Class	3530 build of SA202
Input Class	AC mains OEM

PARAMETER	VALUE
Output Class	DC rails per SA202-3530 label
Cooling Class	OEM embedded PSU
Safety Class	OEM ITE/instrument PSU

SA2023530 Specifications

PARAMETER	VALUE
Applications	Embedded AC/DC power in instruments using Artesyn/Astec SA202 family supplies.
Key Features	Astec SA202 family
Instrument OEM PSU	SA202-3530 configuration
Technical Specifications	Model: SA202-3530

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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Family	Artesyn/Astec SA202 supplies
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Form Factor	embedded switching PSU
System Role	instrument/industrial AC/DC
Use Case	OEM embedded power
Documentation Type	OEM SA202-3530 listing
Year Class	SA202
Application Class	embedded power
Vendor Path	Astec Artesyn Emerson
Related Sa201	SA201-3438
Related Aa19920	AA19920
Documentation Class	OEM SA202 catalog
Control Class	AC/DC switching supply
Companion Role	Artesyn SA family
Operating Mode	switching AC/DC
Instrument Class	power supply
Power Class	embedded AC/DC
Enclosure Class	open frame/caged OEM PSU
Configuration Class	3530 build of SA202
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PARAMETER	VALUE
Cooling Class	OEM embedded PSU
Safety Class	OEM ITE/instrument PSU

Notes

From Emerson/Astec SA202-3530 listings (embedded AC/DC in the SA202 family). Rail voltages, currents, and efficiency are on the SA202-3530 label / SA202 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.