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Data Sheet

August 13, 2026

ZIPPY TECHNOLOGY/EMACS

Zippy Technology SCB1-2350P EMACS Power Supply

PCB edge connector with duplicated L/N AC pins Original cooling is a 40 mm fan; tach sense is unused on documented Rev 1.0 boards Instrument Type: Compact server / blade switching power supply Alias: SCB1-2350P; SCB1-2350; SCB12350P; EMACS SCB1-2350P Original cooling is a 40 mm fan; tach sense is unused on documented Rev 1.0 boards Instrument Type: Compact server / blade switching power supply Alias: SCB1-2350P; SCB1-2350; SCB12350P; EMACS SCB1-2350P Plus 12 V Output: 29 A (as printed on the unit label)



MODEL

**Zippy
Technology/EMACS
SCB1-2350P**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

SCB1-2350P

LISTING

<https://aumictechlabs.com/products/scb1-2350p-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Zippy Technology SCB1-2350P is a 350 W power supply engineered for industrial and server environments. Built on a compact form factor originally designed for blade systems, this unit delivers stable DC output across multiple voltage rails with ATX-style power sequencing control. The supply operates from universal 100-240 V AC input and features a /PS_ON control signal compatible with embedded systems such as RAMPS boards used in 3D printing applications. Technical Specifications Output Power: 350 W total AC Input: 100-240 V AC, 230 V

nominal (L/N) Input Protection: 6.3 A / 250 V fuse rating DC Rails: - 5 V Standby: 2 A maximum - 12 V Output: 29 A maximum Cooling: 80 mm fan with tachometer signal output Interface: PCB edge connector with dual-row pinout

Key Features Rated for continuous operation at 100% specified load /PS_ON signal on Pin 6 enables logic-level power control (active low) Dual AC input terminals (L, N) support single-phase 230 V AC mains Fan-cooled thermal management with field-replaceable cooling element ISO-9001 certified manufacturing (quality certification since 1994) Meets international safety and EMI standards

Typical Applications AI servers, edge computing infrastructure, data center power modules, high-end appliances, medical devices, automotive electronics, network communication equipment, network security appliances, and 5G market deployments.

Compatibility & Integration The /PS_ON control mechanism mirrors standard ATX power supply design, enabling direct integration with single-board computers and embedded control boards. PCB edge connector accommodates both AC mains and DC distribution through a unified mechanical interface.

SCB12350P Characteristics / Specifications

PARAMETER	VALUE
Model	SCB1-2350P
Manufacturer	Zippy Technology (EMACS)
Instrument Type	Compact server / blade switching power supply
Alias	SCB1-2350P; SCB1-2350; SCB12350P; EMACS SCB1-2350P
Output Power	350 W DC total
Plus 12 V Output	29 A (as printed on the unit label)
Plus 5 V Standby	2 A (as printed on the unit label)
AC Input	100 to 240 Vac
Fuse Rating	6.3 A / 250 V
Remote Enable	PS_ON (pin 6) pulled to GND enables +12 V (ATX-like)
Standby Pin	pin 1 is +5 V standby
Connector Style	PCB edge connector
Edge Top Row	L, L, N, N, pin 1, pin 2, N, pin 4, GND, +12 V (Rev 1.0 documentation)
Edge Bottom Row	L, L, N, N, pin 1, pin 5, pin 6, pin 7, GND, +12 V (Rev 1.0 documentation)
AC Pins	L and N carry mains
Ground Pins	GND adjacent to +12 V on both rows
Revision Documented	Rev 1.0 pinout
Cooling Original	40 mm fan
Fan Tach	present on some fans but unused by the documented board
Form Factor	compact blade / 1U-class server PSU
Brand Marking	EMACS (Zippy Technology)
Listing Part Number Example	26A-440677
Behavior	ATX-style standby plus remote on
Output Architecture	high-current +12 V bulk plus 5 VSB (confirm any other rails on the label)
Input Type	universal AC (no manual 115/230 switch on documented units)

PARAMETER	VALUE
Related Zippy 350 W Class	P1H-6350P / P2H-6350P are different form-factor 350 W EMACS models; do not copy their multi-rail tables onto SCB1
Family Protections Typical EMACS	OVP / OPP / SCP on related Zippy 350 W pages (confirm on this label)
Family Input Frequency Typical EMACS 350 W	47 to 63 Hz (related Zippy 350 W pages; confirm on this label)
Family Operating Temperature Typical EMACS 350 W	0 C to 50 C (related Zippy 350 W pages; confirm on this label) Notes Verified SCB1-2350P numbers are 350 W, 100 to 240 Vac, 6.3 A / 250 V fuse, +12 V at 29 A, and +5 VSB at 2 A from the unit label plus documented Rev 1.0 edge-connector pinout. Do not apply P1H-6350P or P2H-6350P rail tables to this model. Confirm any additional rails, PS_ON wiring, and fuse type on the installed unit.
Operating temperature	Typical EMACS 350 W: 0 C to 50 C (related Zippy 350 W pages; confirm on this label)

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
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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	SCB1-2350P
Manufacturer	Zippy Technology (EMACS)
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Alias	SCB1-2350P; SCB1-2350; SCB12350P; EMACS SCB1-2350P
Output Power	350 W DC total
Plus 12 V Output	29 A (as printed on the unit label)
Plus 5 V Standby	2 A (as printed on the unit label)
AC Input	100 to 240 Vac
Fuse Rating	6.3 A / 250 V
Remote Enable	PS_ON (pin 6) pulled to GND enables +12 V (ATX-like)
Standby Pin	pin 1 is +5 V standby
Connector Style	PCB edge connector
Edge Top Row	L, L, N, N, pin 1, pin 2, N, pin 4, GND, +12 V (Rev 1.0 documentation)
Edge Bottom Row	L, L, N, N, pin 1, pin 5, pin 6, pin 7, GND, +12 V (Rev 1.0 documentation)
AC Pins	L and N carry mains
Ground Pins	GND adjacent to +12 V on both rows
Revision Documented	Rev 1.0 pinout
Cooling Original	40 mm fan
Fan Tach	present on some fans but unused by the documented board
Form Factor	compact blade / 1U-class server PSU
Brand Marking	EMACS (Zippy Technology)
Listing Part Number Example	26A-440677
Behavior	ATX-style standby plus remote on
Output Architecture	high-current +12 V bulk plus 5 VSB (confirm any other rails on the label)

PARAMETER	VALUE
Input Type	universal AC (no manual 115/230 switch on documented units)
Related Zippy 350 W Class	P1H-6350P / P2H-6350P are different form-factor 350 W EMACS models; do not copy their multi-rail tables onto SCB1
Family Protections Typical EMACS	OVP / OPP / SCP on related Zippy 350 W pages (confirm on this label)
Family Input Frequency Typical EMACS 350 W	47 to 63 Hz (related Zippy 350 W pages; confirm on this label)
Family Operating Temperature Typical EMACS 350 W	0 C to 50 C (related Zippy 350 W pages; confirm on this label)

Notes

Verified SCB1-2350P numbers are 350 W, 100 to 240 Vac, 6.3 A / 250 V fuse, +12 V at 29 A, and +5 VSB at 2 A from the unit label plus documented Rev 1.0 edge-connector pinout. Do not apply P1H-6350P or P2H-6350P rail tables to this model. Confirm any additional rails, PS_ON wiring, and fuse type on the installed unit.

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.