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Data Sheet

August 13, 2026

ZIPPY TECHNOLOGY/EMACS

Zippy Technology SP2-4300F EMACS Power Supply

The Zippy Technology SP2-4300F is a 300W modular power supply engineered for server and industrial applications requiring stable, continuous operation. This full modular design delivers multiple DC output rails with active power factor correction and switchable AC input to accommodate global voltage standards. Built on ISO-9001 certified manufacturing processes, the unit meets CE, FCC, RoHS, and UL certifications, making it suitable for demanding environments where reliability is non-negotiable. Typical Applications Server systems, Industrial PC (IPC) platforms, storage arrays, workstations, blade server chassis, communications infrastructure, and networking equipment. Compatibility & Integration The SP2-4300F's dual voltage input, isolated negative rails, and modular design integrate into legacy and contemporary server platforms. Comprehensive datasheets and technical manuals support



MODEL

**Zippy
Technology/EMACS
SP2-4300F**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

SP2-4300F

LISTING

**[https://aumictechlabs.
com/products/sp2-43
00f-2/](https://aumictechlabs.com/products/sp2-4300f-2/)**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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Technical Specifications
Model: SP2-4300F (SP2-4300F-R, 6SP2-300B015)
Power Output: 300W
AC Input: 95–132 VAC / 190–263 VAC switchable, 47–63 Hz
AC Input Current: 6.2–8.0 A (RMS) at 115 VAC; 3.1–4.0 A (RMS) at 230 VAC
DC Output Rails: - +5V @ 25A - +12V @ 14A - -5V @ 0.5A - -12V @ 0.5A
PFC: Active
Architecture: Full Modular
Weight: 1.3 kg

Key Features
Dual-range switchable AC input (115V/230V) for international deployment
Multiple isolated DC rails supporting legacy and contemporary server architectures
Active power factor correction improves efficiency and reduces line distortion
Full modular cabling reduces clutter and improves airflow in constrained chassis environments
RoHS (6/6) and IECQ QC080000 compliant; suitable for regulated supply chains

Typical Applications
Server systems, Industrial PC (IPC) platforms, storage arrays, workstations, blade server chassis, communications infrastructure, and networking equipment.

Compatibility & Integration
The SP2-4300F's dual voltage input, isolated negative rails, and modular design integrate into legacy and contemporary server platforms. Comprehensive datasheets and technical manuals support integration engineering.

SP24300F Characteristics / Specifications

PARAMETER	VALUE
Model	SP2-4300F
Manufacturer	Zippy Technology / EMACS
Instrument Type	AT Switching Power Supply
Alias	SP2-4300F; EMACS SP2-4300F; Zippy SP2-4300F
Output power maximum	300 W
Input voltage low range	95 to 132 VAC
Input voltage high range	190 to 263 VAC
Input configuration	switchable or auto switching (variant dependent)
Input frequency	47 to 63 Hz
Input current 115 VAC	6.2 to 8.0 A RMS typical
Input current 230 VAC	3.1 to 4.0 A RMS typical
Form factor	AT
Product family	SP2-4300/4400F Series
Cooling	single fan typical listing
Part number examples	6SP2-300B015; 6SP2-300B097; 6SP2-300B098
Mains listing example	115/230 V 6.2/3.1 A 50/60 Hz
Manufacturer brand	EMACS (Zippy Technology)
Application class	server and computer power supply unit
Redundant variant	SP2-4300F-R 300 W listing exists
Weight listing example	approx 6 lb shipping class
Dimensions listing example	approx 12 × 10 × 9 in package class
Output rails	AT standard multi rail (confirm label on unit)
Holdup and regulation	per EMACS SP2-4300/4400F manual on unit
Efficiency class	switching supply typical 70 to 80 percent era dependent
Safety approvals	confirm label for UL/TUV on installed unit

PARAMETER	VALUE
Operating temperature	indoor server chassis class environment Notes Public OEM load regulation tables for SP2-4300F are sparse on reseller listings; confirm exact MPN (6SP2-300Bxxx), rail voltages/currents, and input switch setting on the unit label.
Maximum output power	rating

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	indoor server chassis class environment
Operating Temperature	indoor server chassis class environment

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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Safety approvals	confirm label for UL/TUV on installed unit
Operating temperature	indoor server chassis class environment

Notes

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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.