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Data Sheet

August 15, 2026

EMERSON / MOTOROLA / FORCE COMPUTERS

Emerson / Motorola / Force Computers SYS68K / PWR09A Power Supply

The Emerson/Motorola/Force Computers SYS68K/PWR09A is a 280 W switching power supply engineered for VME/VXI mainframe systems. It delivers multiple regulated voltage rails - +5V, +12V, and -12V - with individual status LED indicators for each output to provide real-time operational visibility. A front-panel power switch enables straightforward on/off control. This form factor integrates directly into VME/VXI mainframe architectures, making it suitable for industrial and computing environments requiring stable, multi-rail power distribution. Individual status LEDs for +5V, +12V, and -12V rails enable quick fault identification. Three regulated output rails support typical mainframe power distribution requirements. Aumictech offers NIST-traceable calibration and repair for the Emerson / Motorola / Force Computers SYS68K / PWR09A. All calibrations are performed to NIST-traceable standards.



MODEL

**Emerson /
Motorola / Force
Computers
SYS68K / PWR09A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

SYS68K / PWR09A

LISTING

<https://aumictechlabs.com/products/sys68k-pwr09a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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Technical Specifications
Manufacturer: Emerson/Motorola/Force Computers
Model: SYS68K/PWR09A
Type: Switching Power Supply
Total Power Output: 280 W
Output Voltages: +5V, +12V, -12V
Form Factor: VME/VXI mainframe
NSN: 6130-01-301-7163

Key Features
Individual status LEDs for +5V, +12V, and -12V rails enable quick fault identification
Front-panel power switch for direct system control
Three regulated output rails support typical mainframe power distribution requirements
Designed for high-reliability industrial computing platforms

Typical Applications
VME/VXI-based embedded systems
Industrial control and computing mainframes
Systems requiring isolated positive and negative supply rails

Compatibility & Integration
The SYS68K/PWR09A integrates into VME/VXI mainframe systems, supplying power to processor boards, memory modules, and peripheral controllers that operate on $\pm 12\text{V}$ and +5V rails.

SYS68KPWR09A Characteristics / Specifications

PARAMETER	VALUE
Model	SYS68K / PWR09A
Also Known As	SYS68K/PWR-09A, PWR-09A/220V, order 700008
Instrument Type	VME / VXI switching power supply
Output Power	280 W
Output Rails	plus 5 V, plus 12 V, minus 12 V
Indicators	status LEDs for plus 5 V, plus 12 V, minus 12 V
Front Panel	power switch
Related Higher Power	SYS68K/PWR-20 750 W (order 700009)
Form Factor	SYS68K cage power supply
Manufacturer	Force Computers / Emerson / Motorola
Use Case	VMEbus backplane power
Family	SYS68K power supplies
Catalog Year	1991 Force VMEbus Hardware Products
Nsn Listing	SYS68K/PWR09A power supply NSN class 6130
Literature	Force SYS68K/PWR-09A catalog page
Operating Temperature Class	VME chassis
Input	AC mains 220 V catalog variant PWR-09A/220V
Cooling	chassis airflow class
Documentation Type	OEM VME power-supply catalog
System Role	cage PSU for SYS68K CPUs
Revision	PWR09A
Brand Lineage	Force Computers Emerson Motorola
Operating temperature	Class: VME chassis

SYS68KPWR09A Specifications

PARAMETER	VALUE
Applications	Powering Force SYS68K VME CPU and I/O cages from AC mains with 5 V / plus or minus 12 V backplane rails.
Key Features	280 W switching supply
Front panel power switch	SYS68K VME/VXI cage supply
Technical Specifications	Model: SYS68K / PWR09A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: VME chassis
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Operating Temperature Class	VME chassis
Input	AC mains 220 V catalog variant PWR-09A/220V
Cooling	chassis airflow class
Documentation Type	OEM VME power-supply catalog
System Role	cage PSU for SYS68K CPUs
Revision	PWR09A
Brand Lineage	Force Computers Emerson Motorola Notes From Force Computers SYS68K/PWR-09A 280 W catalog listing and SYS68K/PWR09A rail/LED descriptions. Per-rail current limits and input-voltage range are on the PWR-09A data sheet / cage manual.

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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Form Factor	SYS68K cage power supply
Manufacturer	Force Computers / Emerson / Motorola
Use Case	VMEbus backplane power
Family	SYS68K power supplies
Catalog Year	1991 Force VMEbus Hardware Products
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Literature	Force SYS68K/PWR-09A catalog page
Operating Temperature Class	VME chassis
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Notes	
From Force Computers SYS68K/PWR-09A 280 W catalog listing and SYS68K/PWR09A rail/LED descriptions. Per-rail current limits and input-voltage range are on the PWR-09A data sheet / cage manual.	

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

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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.