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Data Sheet

August 2, 2026

GALIL MOTION CONTROL

Galil Motion Control DSP-453A-1 Switching Power Supply

The Galil Motion Control DSP-453A-1 is a switching power supply designed for use with Galil motion controllers. It provides reliable and efficient power to ensure optimal performance of your motion control system.



MODEL

**Galil Motion
Control DSP-
453A-1**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

DSP-453A-1

LISTING

<https://aumictechlabs.com/products/dsp-453a-1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Galil Motion Control DSP-453A-1 is a switching power supply engineered to deliver regulated DC power to Galil motion control systems. Built for universal AC input operation, this supply integrates directly with Galil motion controllers and amplifiers to support single-axis and multi-axis motion applications. The switching topology ensures efficient power conversion across industrial operating conditions. Technical Specifications Input Voltage: 100–240 VAC, 50/60 Hz Output: Regulated DC output Supply Type: Switching power supply Manufacturer: Galil Motion Control Model: DSP-453A-1 Key Features Universal AC input eliminates need for voltage selection Efficient switching topology minimizes heat generation and power loss Regulated DC output maintains stable controller and amplifier operation Industrial-grade design for motion control

system integration Typical Applications Single-axis motion control systems Multi-axis motion control systems Galil motion controller and amplifier power distribution Compatibility & Integration The DSP-453A-1 integrates with Galil motion controllers including the DMC-40×0(ISCNTL), DMC-41×3(ISCNTL), and DMC-3×01x(ISCNTL) series. Connectors such as the 2-pin Molex Mini-Fit Jr. facilitate direct mating with controller inputs, providing isolated power for the controller independent of amplifier power supply routing.

Features & description

From manufacturer datasheet

Features

- Switching power supply topology
- Universal AC input (about 100-240 VAC, 50/60 Hz)
- Regulated DC output for Galil motion controllers
- Industrial motion-control integration
- Associated with DMC-7×0 family (dealer)
- Efficient conversion for continuous controller operation

DSP453A Characteristics / Specifications

PARAMETER	VALUE
Model	DSP-453A-1
Manufacturer	Galil Motion Control
Instrument Type	Switching power supply for motion controllers
AC Input	100-240 VAC, 50/60 Hz (catalog / dealer class)
Output	Regulated DC – confirm voltage and current from unit label
Compatibility (dealer)	DMC-7×0 series (DMC-710, DMC-730 class examples)
Form Factor	Chassis / enclosed supply (confirm mounting from unit)
Connectors	Confirm Molex / terminal style on the physical unit Standard Operating Conditions Verify AC input range before connecting. Match DC polarity and voltage to the controller input. Provide adequate ventilation. Do not parallel outputs unless Galil documentation permits it.

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

Specifications

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Standard Operating Conditions

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Operational Notes

Read the output voltage sticker before connecting a controller. Catalog narratives that list many DMC generations may over-generalize—prefer the DMC-7x0 association from dealer cross-references and the faceplate wiring diagram.

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.