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Data Sheet

August 13, 2026

ROCKWELL / ALLEN-BRADLEY

Rockwell / Allen-Bradley 1756-BATM Series A ControlLogix Battery Module

Manufacturer: Allen-Bradley / Rockwell Automation Instrument Type: ControlLogix Battery Module Alias: 1756-BATM; 1756BATM; 1756-BATM SeriesA Function: hosts 1756-BATA battery and supplies backup to compatible 1756 controllers Battery Assembly: 1756-BATA (replaceable; not included in every spare listing) Instrument Type: ControlLogix Battery Module Alias: 1756-BATM; 1756BATM; 1756-BATM SeriesA Function: hosts 1756-BATA battery and supplies backup to compatible 1756 controllers Battery Assembly: 1756-BATA (replaceable; not included in every spare listing) NotAComms Module: not 1756-ENBT, 1756-CNB, 1756-DHRIO, 1756-DH485, or 1756-SYNCH



MODEL

Rockwell / Allen-Bradley 1756-BATM

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

1756-BATM

LISTING

<https://aumictechlabs.com/products/1756-batm-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Rockwell Allen-Bradley 1756-BATM Series A is a battery backup module for ControlLogix PLC systems. It maintains power to the real-time clock and memory during unexpected power loss, preserving critical program data and configuration settings. The module uses lithium battery technology and installs directly into a standard ControlLogix chassis slot, making it essential for

industrial automation environments where data integrity and system continuity are non-negotiable.

Technical Specifications

Manufacturer: Rockwell Automation

Product Series: ControlLogix

Model: 1756-BATM

Series A Battery Technology: Lithium Primary

Function: Real-time clock and memory backup

Form Factor: Standard ControlLogix module, installed within chassis

Installation: Direct slot mounting in ControlLogix chassis

Key Features

- Lithium battery provides extended backup power to clock and memory circuits
- Maintains data retention during power interruptions
- Prevents loss of program logic and system configuration
- Finite battery lifespan dependent on system uptime, ambient temperature, and data retention load
- Replaceable battery design supports planned maintenance cycles
- Operates with standard ControlLogix controllers and compatible chassis

Typical Applications

- Industrial control systems requiring continuous clock and configuration backup
- Manufacturing facilities where unplanned downtime creates operational cost
- Process automation where real-time data logging must persist across power events

Any ControlLogix deployment where program or configuration loss is unacceptable

Compatibility & Integration

The 1756-BATM integrates with Rockwell Allen-Bradley ControlLogix PLC systems and standard ControlLogix chassis. It works with compatibility with various ControlLogix controllers that require memory and clock backup functionality. The module occupies a single slot in the ControlLogix chassis architecture.

Features & description

From manufacturer datasheet

Features

- ControlLogix battery module for 1756-BATA

1756BATM Characteristics / Specifications

PARAMETER	VALUE
Model	1756-BATM
Manufacturer	Allen-Bradley / Rockwell Automation
Instrument Type	ControlLogix Battery Module
Series	1756 ControlLogix
Alias	1756-BATM; 1756BATM; 1756-BATM SeriesA Function: hosts 1756-BATA battery and supplies backup to compatible 1756 controllers
Battery Assembly	1756-BATA (replaceable; not included in every spare listing)
Platform	ControlLogix 1756 chassis
NotAComms Module	not 1756-ENBT, 1756-CNB, 1756-DHRIO, 1756-DH485, or 1756-SYNCH
Slot	ControlLogix chassis battery module position per 1756-BATM installation instructions
Cable	controller-to-BATM cable per publication (confirm on the installed kit)
Hold Up	duration depends on controller type, temperature, and battery date code; see controller manual
Replacement	replace 1756-BATA on the interval in the installation instructions; do not wait for memory loss
Indicators	battery status LED class ControlLogix
Operating Temperature	ControlLogix chassis ambient (0 to 60 C class unless XT)
XT Note	standard BATM is not automatically 1756-BATMXT; confirm conformance/XT catalog
Disposal	follow battery disposal rules for the 1756-BATA chemistry on the sheet
Status	legacy ControlLogix battery architecture; newer 1756 controllers may use ESM energy storage instead
Compatibility	match BATM series to controller publication list
Form	1756 single-width class module
Agency	ControlLogix chassis listings when installed in listed chassis
Documentation	1756-BATM installation instructions; 1756-BATA replacement
Identity Rule	do not assign DH-485 or Ethernet specs from mixed Artisan family pages Notes Accessory/identity densification. Electrical hold-up times

PARAMETER

VALUE

are controller-specific; do not invent hours. Confirm 1756-BATA
presence and controller compatibility.

1756BATM Specifications

PARAMETER	VALUE
Applications	ControlLogix memory backup; 1756-BATA replacement host; chassis battery MRO.
Key Features	- ControlLogix battery module for 1756-BATA
Technical Specifications	Model: 1756-BATM

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	ControlLogix chassis ambient (0 to 60 C class unless XT)
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XT Note	standard BATM is not automatically 1756-BATMXT; confirm conformance/XT catalog
Disposal	follow battery disposal rules for the 1756-BATA chemistry on the sheet
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Documentation	1756-BATM installation instructions; 1756-BATA replacement
Identity Rule	do not assign DH-485 or Ethernet specs from mixed Artisan family pages Notes Accessory/identity densification. Electrical hold-up times are controller-specific; do not invent hours. Confirm 1756-BATA presence and controller compatibility.

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	1756-BATM
Manufacturer	Allen-Bradley / Rockwell Automation
Instrument Type	ControlLogix Battery Module
Specifications	
PARAMETER	VALUE
Series	1756 ControlLogix
Alias	1756-BATM; 1756BATM; 1756-BATM SeriesA Function: hosts 1756-BATA battery and supplies backup to compatible 1756 controllers
Battery Assembly	1756-BATA (replaceable; not included in every spare listing)
Specifications	
PARAMETER	VALUE
Platform	ControlLogix 1756 chassis
NotAComms Module	not 1756-ENBT, 1756-CNB, 1756-DHRI0, 1756-DH485, or 1756-SYNCH
Slot	ControlLogix chassis battery module position per 1756-BATM installation instructions
Specifications	
PARAMETER	VALUE
Cable	controller-to-BATM cable per publication (confirm on the installed kit)
Hold Up	duration depends on controller type, temperature, and battery date code; see controller manual
Replacement	replace 1756-BATA on the interval in the installation instructions; do not wait for memory loss
Specifications	
PARAMETER	VALUE
Indicators	battery status LED class ControlLogix

PARAMETER	VALUE
Operating Temperature	ControlLogix chassis ambient (0 to 60 C class unless XT)
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Specifications

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Documentation	1756-BATM installation instructions; 1756-BATA replacement

Identity Rule: do not assign DH-485 or Ethernet specs from mixed Artisan family pages

Notes

Accessory/identity densification. Electrical hold-up times are controller-specific; do not invent hours. Confirm 1756-BATA presence and controller compatibility.

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.