

APTER POWER PRODUCT GUIDE

1757-BEM

ProcessLogix Battery Extension Module

Allen-Bradley 1757-BEM is a rechargeable battery extension module for the ProcessLogix 1757-PLX52 controller. It maintains the controller user configuration during repeated chassis-power interruptions.

Manufacturer	Allen-Bradley
Model	1757-BEM
Product type	ProcessLogix Battery Extension Module
Product family	ProcessLogix
Country	Sweden
HS code	8537101190
Shipping origin	Xiamen, Fujian, China

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

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SCAN FOR PRODUCT & QUOTE

1. Installation and system fit

- Archive the controller configuration before any battery work.
- Remove the controller's 1757-PLXBAT battery when the extension module is installed.
- Verify the module connection and charge condition before relying on backup service.
- Perform a controlled power-loss retention test under the plant procedure.

Controlled configuration

Complete model	1757-BEM
Product type	ProcessLogix Battery Extension Module
System family	ProcessLogix

2. Commissioning sequence

- 1 Archive the controller configuration before any battery work.
- 2 Remove the controller's 1757-PLXBAT battery when the extension module is installed.
- 3 Verify the module connection and charge condition before relying on backup service.
- 4 Perform a controlled power-loss retention test under the plant procedure.

Technical verification note

1757-BEM is intended for 1757-PLX52 installations where rack power is interrupted frequently. Preserve a verified configuration archive and confirm rechargeable-backup operation during commissioning.

3. Application verification

ProcessLogix 1757-PLX52 controller support

Extends configuration retention during rack power loss

Planned chassis-power shutdowns

Provides a rechargeable backup source for the supported controller

Interruption-prone control cabinets

Supports ProcessLogix installations with frequent supply interruptions

Controller configuration retention

Replaces reliance on the controller's internal disposable backup battery

Associated system components

- 1757-PLX52 controller
- ProcessLogix chassis
- module interconnect
- controller configuration backup

4. Maintenance and verification FAQ

How is the rechargeable source in 1757-BEM checked?

Follow the ProcessLogix maintenance procedure to verify connection, charging condition and retention performance.

Can 1757-BEM be connected to an unrelated ControlLogix controller?

No. The documented host in the Rockwell Automation product information is 1757-PLX52.

How should 1757-BEM be commissioned?

Verify the controller starts with the intended configuration, then perform the approved controlled power-interruption test.

What maintenance record is needed for 1757-BEM?

Record installation date, controller identity, internal-battery removal, charge/retention result and configuration archive location.

Source record

Rockwell Automation ProcessLogix product catalog entry for 1757-BEM
https://support.rockwellautomation.com/cc/okcsFattachCustom/get/675973_17

ASK FOR QUOTE

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