

Determine Battery Requirements

Each controller ships with a battery.

Cat. No.	Description	Estimated Worst Case Battery Life @ 25 °C
1756-BA1	Lithium battery (0.59g) installed in each ControlLogix controller. Order only if you need a replacement.	<ul style="list-style-type: none"> • with 1756-L55M12: 63 days • with 1756-L55M13: 63 days • with 1756-L55M14: 30 days • with 1756-L55M16: 13 days • with 1756-L55M22: 63 days • with 1756-L55M23: 63 days • with 1756-L55M44: 30 days • with 1756-L6x: 21 days
1756-BATM	Externally mounted battery assembly. Provides longer battery life than the 1756-BA1. Contains: <ul style="list-style-type: none"> • one 1756-BATA assembly • 1m cable to connect housing to controller Highly recommended for all controllers.	<ul style="list-style-type: none"> • with 1756-L55M12: 299 days • with 1756-L55M13: 299 days • with 1756-L55M14: 213 days • with 1756-L55M16: 133 days • with 1756-L55M22: 299 days • with 1756-L55M23: 299 days • with 1756-L55M24: 213 days • with 1756-L6x: 146 days
1756-BATA	Lithium battery assembly (maximum of 5g lithium per each D cell; assembly contains 2 D cells) included with the 1756-BATM. Order only if you need a replacement.	
1756-BA2	Lithium battery (0.59g) installed in each 1756-L6x series B controller. Order only if you need a replacement.	<ul style="list-style-type: none"> • with series B 1756-L6x: 8 months

The 1756-BATM battery module is recommended for use with all 1756-L55 and 1756-L6x controllers.

If You Order This Controller	1756-BATM	1756-BATA	1756-BA1	1756-BA2
1756-L55M12	recommended	for a replacement	for a replacement	not supported
1756-L55M13	recommended	for a replacement	for a replacement	not supported
1756-L55M14	highly recommended	for a replacement	for a replacement	not supported
1756-L55M16	highly recommended	for a replacement	not recommended for long-term use	not supported
1756-L55M22‡	recommended	for a replacement	for a replacement	not supported
1756-L55M23‡	recommended	for a replacement	for a replacement	not supported
1756-L55M24‡	highly recommended	for a replacement	not recommended for long-term use	not supported
1756-L61※	highly recommended	for a replacement	not recommended for long-term use	for series B controller
1756-L62※	highly recommended	for a replacement	not recommended for long-term use	for series B controller
1756-L63※	highly recommended	for a replacement	not recommended for long-term use	for series B controller

‡These controllers have nonvolatile memory and can be used without a battery.

※The 1756-L6x controllers have nonvolatile memory if you install a 1784-CF64 CompactFlash card. With nonvolatile memory, the controller can be used without a battery. If you do not use a battery, current tag data will be at the state they were when the nonvolatile memory was saved.