Before You Begin

Use this document as a guide for installing and powering-up your 1769-L32C or 1769-L35CR CompactLogix controller. You should already be familiar with the system components.

You mus flash upgrade the firmware on your CompactLogix controller before you can use it. The controller ships with firmware revision 1.*x* but must be upgraded to match the version of RSLogix5000 software that you are using. For example, if you are using RSLogix5000 software, version 13, you must upgrade your CompactLogix controller firmware to revision 13.*x* before using it.

Be sure you have all components, noting the table that shows the components that ship with the controller.

IMPORTANT	The 1769-BA battery is the only battery you can use with the CompactLogix controller.

Component	Description
	1769-BA battery
	1747-KY controller key

Connect the 1769-BA Battery

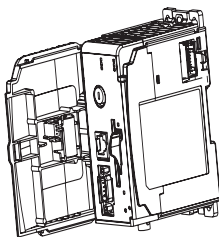The controller is shipped with the 1769-BA battery packed separately. To connect the battery, follow this procedure.

ATTENTION ⚠	The 1769-BA battery is the only battery you can use with the 1769-L32C and 1769-L35CR controllers. The 1747-BA battery is not compatible with the 1769-L32C and 1769-L35CR controllers and may cause problems.

WARNING ⚠	When you connect or disconnect the battery, an electrical arc can occur. This could cause an explosion in hazardous location installations. Be sure that power is removed or the area is nonhazardous before proceeding. For safety information on the handling of lithium batteries, including handling and disposal of leaking batteries, see Guidelines for Handling Lithium Batteries Technical Data, publication AG-5.4.

1. Remove the battery door by sliding it forward.

IMPORTANT	Do not remove the plastic insulation covering the battery. The insulation is necessary to protect the battery contacts.

2. Insert the battery connector into the black receptacle on the board.

   The connector is keyed to be installed with the correct polarity.

CompactLogix Controller - 1769-L32C, 1769-L35CR

Attribute	Value	
North American temp code	T4A	
Replacement battery	1769-BA	
Weight, approx.	0.32 kg (0.70 lb)	
Programming cable	1747-CP3 or 1756-CP3	
Panel mounting screw torque (using M4 or #8 screws)	1.1…1.18 N•m (10…16 lb•in)	
Wiring category	2 on communication ports[2]	
Wiring connectors	1769-L32C 1 BNC connector 1 NAP (1786-CP cable)	1769-L35CR 2 BNC connectors for redundant media operation 1 NAP (1786-CP cable)
Isolation voltage (continuous-voltage withstand rating)	30V (continuous), Basic Insulation Type Type tested at 710V DC for 60 s, RS232 to system, CNet to system, RS232 to CNet, CNet Channel A to CNet channel B	
Enclosure Type Rating	None (open-style)	

[1] This specification is know as Power Consumption.

[2] Use this Conductor Category information for planning conductor routing. See Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1.