

## Bulletin 1609 Industrial Uninterruptible Power Supply

(Cat 1609-B)

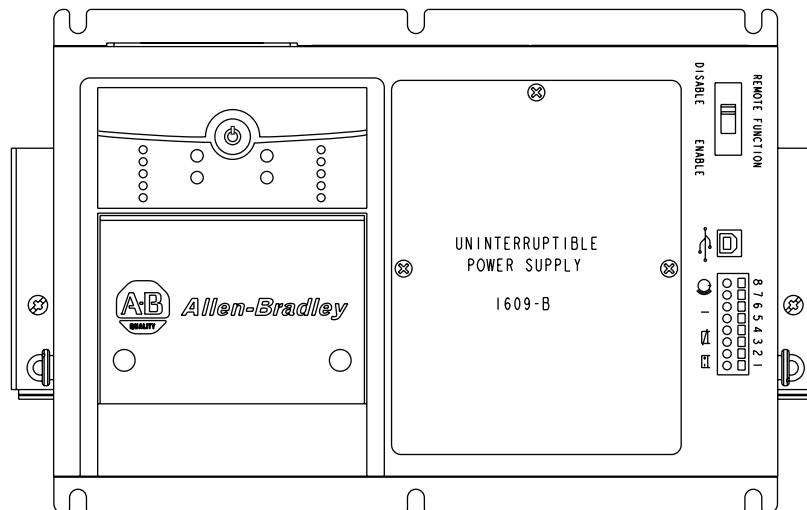


**ATTENTION:** Please read and save these instructions. This manual contains important instructions for the Bulletin 1609 Uninterruptible Power Supply. Follow these instructions during the unpacking, installation and maintenance of the UPS. If you have a problem with the UPS, please refer to this manual and the User Manual trouble shooting section before calling Technical Services.

### Contents for UPS Include:

- Installation Instruction
- 1609-B
- USB Cable
- CD
- 1 Battery Jumper Wire (inside the battery compartment)
- Battery Harness (inside the battery compartment)

**Note:** Batteries are not included with the UPS.



### Additional Resources

1. Go to <http://www.rockwellautomation.com/literature>
2. Go to **Search**, select **Publication Number**.
3. Type the **Publication Number** in the search box and press enter.

**1609-IN014** (1609-SPD Installation Instructions)

**1609-UM007** (1609 UPS Management Software User Manual)

**1609-UM009** (1609 UPS User Manual)

### Install the 1609 UPS in the Appropriate Environment

Do not operate the UPS where there is excessive dust or the temperature or humidity is outside the specified limits. The maximum ambient temperature is 40 degree Celsius using the 1609-SBAT or 50 degree Celsius using the 1609-HBAT. The maximum humidity specification is 95% RH (Non-condensing).

## Service Instructions

- a) Servicing of batteries should be performed or supervised by personnel knowledgeable of batteries and the required precautions. Keep unauthorized personnel away from the batteries.
- b) When replacing batteries, replace with the same number of the 1609 battery packs supplied by Rockwell Automation.



**Warning:** Do not dispose of battery or batteries in a fire. The battery may explode. Do not open or mutilate the battery or batteries. Released electrolyte is harmful to the skin and eyes. It may be toxic. A battery can present a risk of electrical shock and high short circuit current.

### The following precautions should be observed when working on batteries:

- 1) Remove watches, rings, or other metal objects.
- 2) Use tools with insulated handles.
- 3) Do not lay tools or metal parts on top of batteries.
- 4) Determine if battery is inadvertently grounded. If inadvertently grounded, remove source from ground. Contact with any part of a grounded battery can result in electrical shock. The likelihood of such shock can be reduced if such grounds are removed during installation and maintenance.

## Recommended Battery for use with the UPS

Rockwell Automation battery catalog numbers 1609-SBAT and 1609-HBAT consists of the battery manufacturers listed below:

Manufacturer	Type	Rating
B & B Battery (USA) INC. (MH19884)	HRL5.5 - 12	12 Vdc, 2.75 Ah
	BP 5-12	12 Vdc, 5.0 Ah
	HR5.5 - 12	12 Vdc, 2.75 Ah
	SHR7 - 12	12 Vdc, 3.375 Ah
GS Yuasa International Ltd. (MH12970)	NPH5 - 12	12 Vdc, 5.0 Ah
Shenzhen Center Power Tech. Co., Ltd. (MH25860)	CP1250	12 Vdc, 5.0 Ah
Shenzhen Ritar Power Co., Ltd. (MH28539)	RT1250	12 Vdc, 5.0 Ah
CSB Battery Co., Ltd. (MH14533)	HR1221W	12 Vdc, 5.25 Ah

Not for use in a computer room as defined in the Standard for the Protection of Electronic Computer/Data Processing Equipment, ANSI/NFPA 75.

Dispose of used batteries according to the battery instructions.