

Summary

This guide will help you install the batteries into an External 240V Rackmount Battery Pack BP240V5RT2U. This is a very simple procedure and it should take no longer than twenty minutes.



The most important thing to remember is that this battery pack is connected “in series”. In other words, a red (positive) terminal must always be connected to a black (negative) terminal. Never connect a black battery terminal to another black battery terminal or a red battery terminal to a red battery terminal.

Opening the Battery Pack

1. Remove the front face plate / bezel held by 4 or 6 screws.
2. Remove the top of the battery pack held by 12 screws.
3. Remove the front retaining wall of the battery pack held on by 2 screws.

Materials Required

Check that you have the following parts included inside the battery pack:

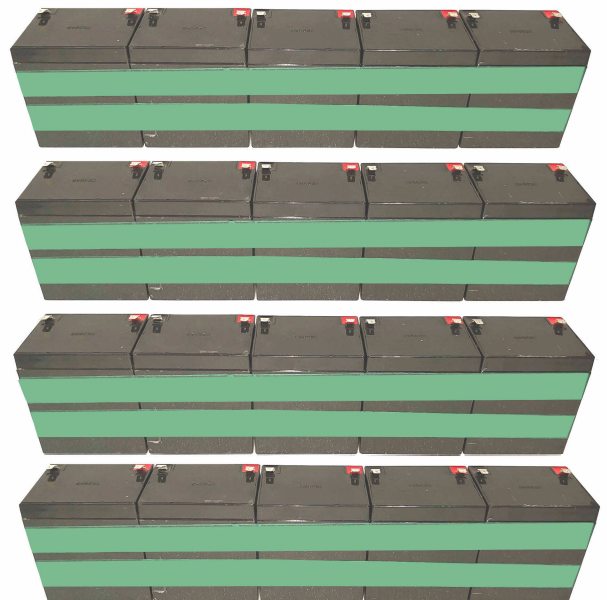
- (16x) 4” Connector Cable
- (2x) 18” Connector Cable
- (1x) 43” Connector Cable
- (5x) Metal Support Brackets
- (2x) Large foam padding
- (2x) Small side wall foam padding

You will also need the following (not included):

- Non-conductive tape (vinyl tape recommended, but duct tape will work also)
- (20x) 12V 5Ah Batteries

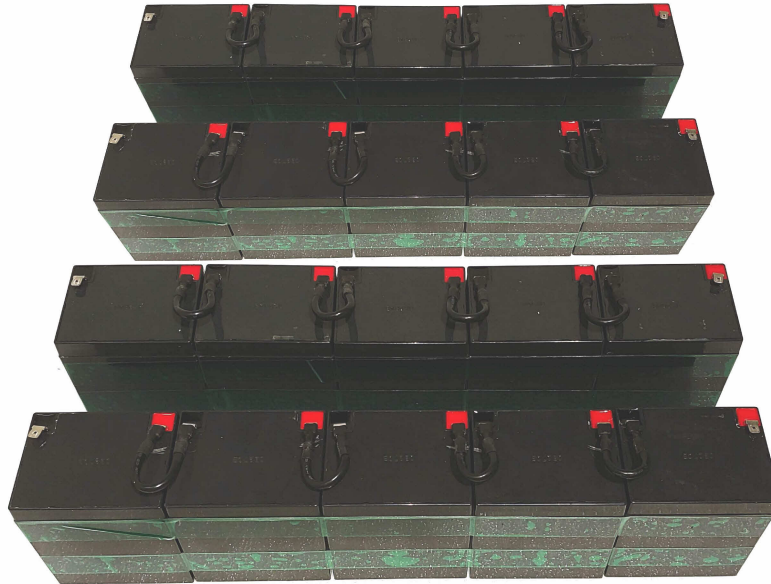
Installation Procedures

1. Take 5 batteries and line them up side by side
2. Use tape to bind the 4 rows of 5 batteries apiece.



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3. With the (16) 4" connectors, connect the inside terminals to each other so that you will have an unconnected black and an unconnected red terminal (*see following picture*).

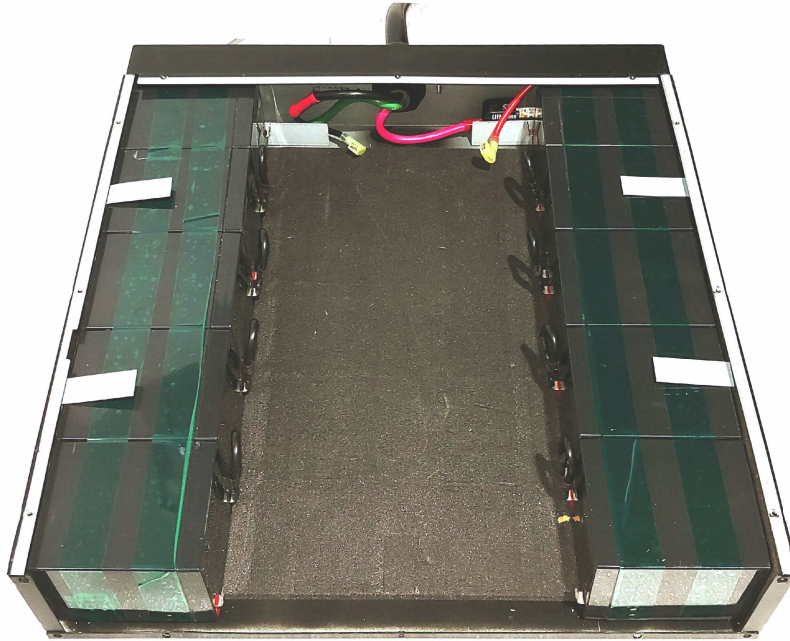


4. Now reverse the two top rows of battery if they are lined up like the picture above and turn all four rows to make columns so that it looks like the following picture below.
5. Now label the batteries B1 (B represents Black and R represents Red, while the numbers 1-4 represents the battery column), B2, B3, B4, R1, R2, R3 & R4 so that your batteries resembles the picture below. Doing so will help you identify which terminals to connect later on. B1, B2, B3, B4, R1, R2, R3 & R4 are labels for the open battery terminals.
6. Also tape the battery connectors like the following picture.

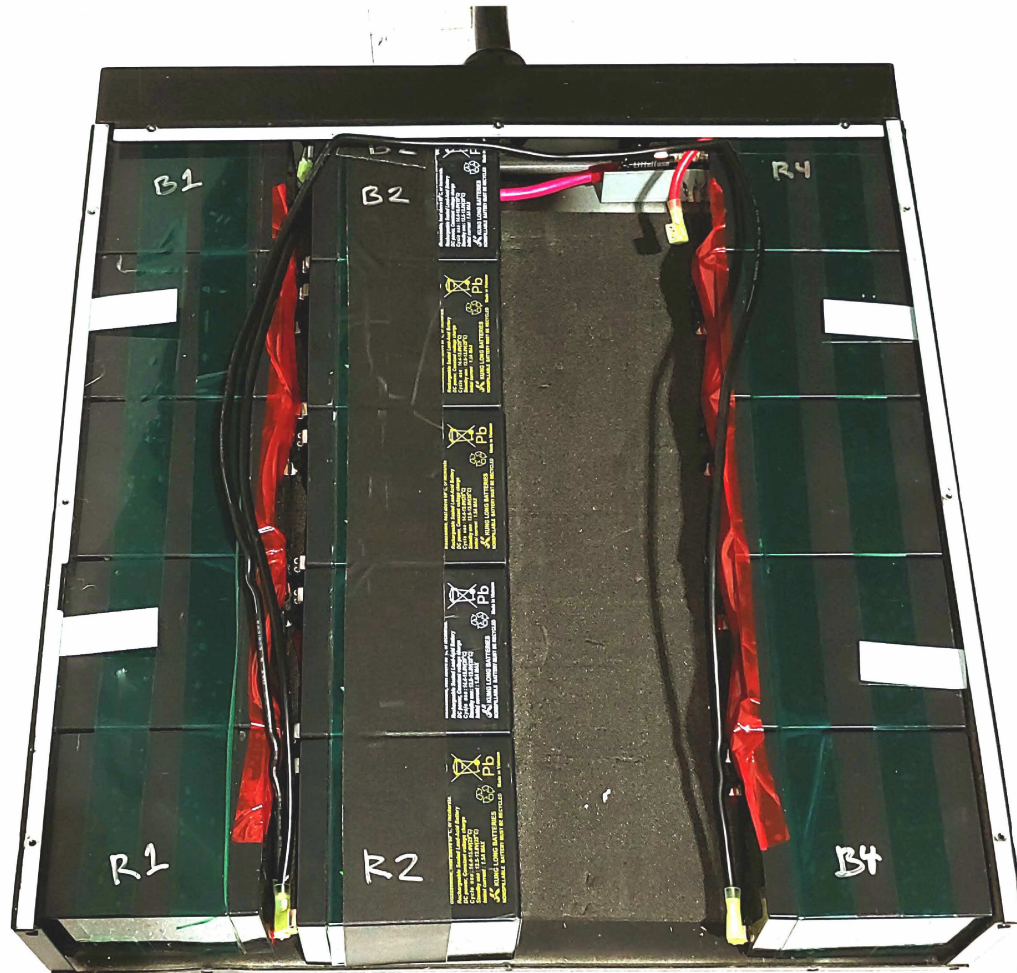


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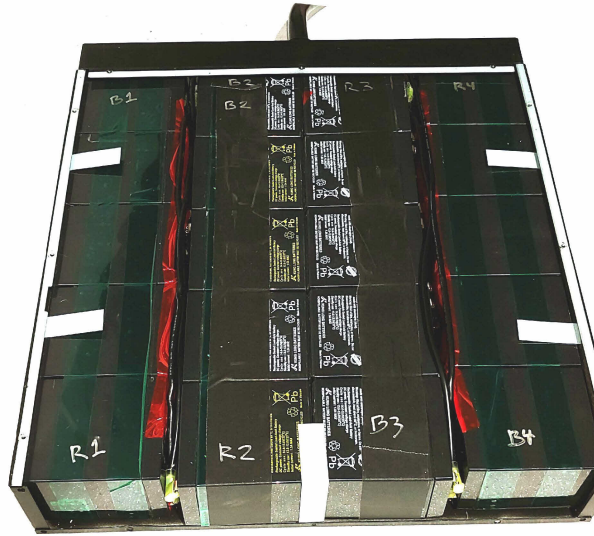
7. Now place battery columns 1 and 4 into the battery pack's chassis. Both should be on top of the foam and have a foam piece between it and the side walls. Also, place two metal brackets on each battery column. The chassis connectors should be unconnected at this point.



8. Now place the battery column 2 into the chassis. While doing so, with one of the 18" connector cables, **CONNECT B1 to R2**; with the 43" connector cable, **CONNECT R1 to B4**; and **CONNECT B2 to the chassis black cable**.



- Now while placing battery column three into the battery pack chassis, **CONNECT R3 to the chassis red connector** and with the other 18" connector cable **CONNECT R4 to B3**.



- Now place the other foam on top of the batteries and replace the front retaining wall.



- Replace the top cover and enjoy your extended runtime. Feel free to call (408) 471-8111 or email admin@adhesivenetworks.com with any questions.