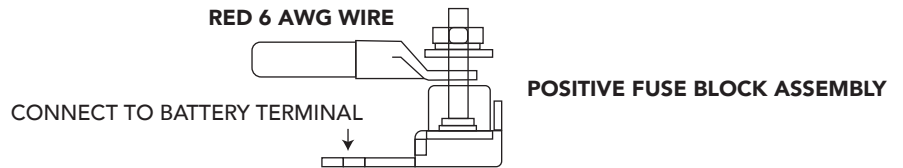


## CONNECTING BATTERIES IN PARALLEL

The wires provided in this kit allow you to connect up to 4 batteries in parallel. Each battery requires a POSITIVE FUSE BLOCK that connects directly on the POSITIVE BATTERY TERMINAL prior to installing the wire.

### CONTENTS INCLUDE:

- 4 - RED 18IN 6 AWG WIRES
- 4 - BLACK 18IN 6 AWG WIRES
- 4 - 150 AMP FUSE KITS

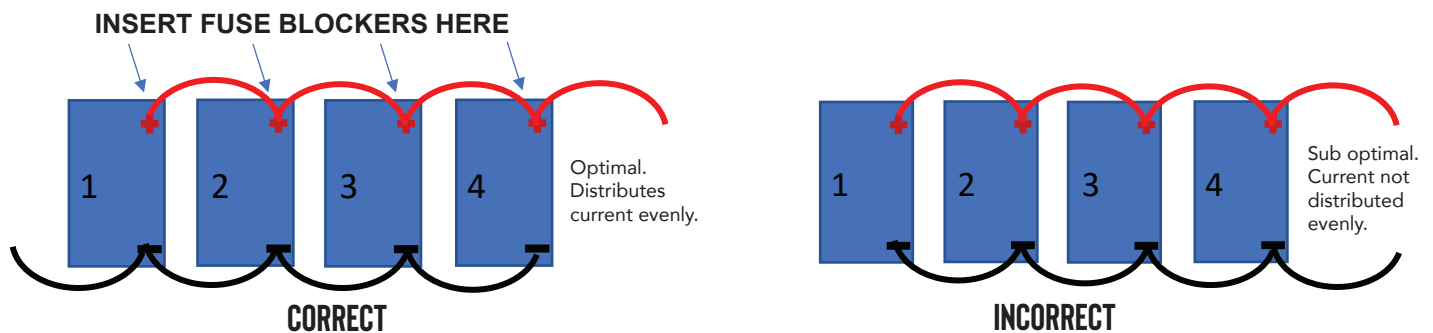


1. Install the FUSE BLOCK on each POSITIVE TERMINAL of the batteries you will be setting up in parallel connection.
2. Make sure all the packs have exactly matching voltages. Place the batteries in desired order prior to connecting the provided cables.
3. POSITIVE BATTERY CONNECTION:

- A. Using a RED 18 inch wire, connect one end to the POSITIVE FUSE BLOCK on battery 1 and connect the other end to the POSITIVE FUSE BLOCK on battery 2.
- B. Connect another RED 18 inch wire to POSITIVE FUSE BLOCK on battery 2 and connect the other end to the POSITIVE FUSE BLOCK on battery 3.
- C. Connect another RED 18 inch wire to POSITIVE FUSE BLOCK on battery 3 and connect the other end to the POSITIVE FUSE BLOCK on battery 4.
- D. On battery 4 connect the last RED 18 inch wire to the POSITIVE FUSE BLOCK and the other end to the positive side of your device.

4. NEGATIVE BATTERY CONNECTION:

- A. Using a BLACK 18 inch wire, connect one end to the NEGATIVE TERMINAL on battery 1 and connect the other end to the NEGATIVE TERMINAL on battery 2.
- B. Connect another BLACK 18 inch wire to NEGATIVE TERMINAL on battery 2 and connect the other end to the NEGATIVE TERMINAL on battery 3.
- C. Connect another BLACK 18 inch wire to NEGATIVE TERMINAL on battery 3 and connect the other end to the NEGATIVE TERMINAL on battery 4.
- D. On battery 1 connect the last BLACK 18 inch wire to the NEGATIVE TERMINAL and the other end to the negative side of your device.



## CONNECTING BATTERIES IN SERIES

The enclosed kit will allow you to connect batteries in series to a maximum of 48 Volt while allowing your amp hours to remain constant. It is recommended that you use an inline fuse on the connection from battery one to the desired device.

### CONTENTS INCLUDE:

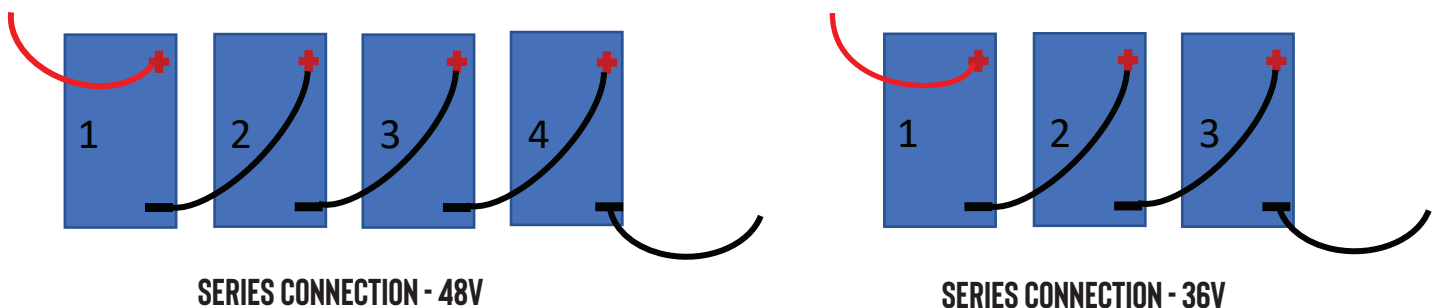
- 1 - RED 18IN 4 AWG WIRES
- 4 - BLACK 18IN 4 AWG WIRES

Make sure all the packs have exactly matching voltages. Place the batteries in desired order prior to connecting the provided cables.

48V Series Connection example:

1. Connect the RED 18 inch wire to the POSITIVE TERMINAL on battery 1. NOTE: Be sure to secure the other end of the RED wire to prevent shorting.
2. Connect a BLACK 18 inch wire to the NEGATIVE TERMINAL on battery 1 and connect the other end to the POSITIVE TERMINAL on battery 2.
3. Connect a BLACK 18 inch wire to the NEGATIVE TERMINAL on battery 2 and connect the other end to the POSITIVE TERMINAL on battery 3.
4. Connect a BLACK 18 inch wire to the NEGATIVE TERMINAL on battery 3 and connect the other end to the POSITIVE TERMINAL on battery 4.
5. On battery 4 connect the last BLACK 18 inch wire to the NEGATIVE TERMINAL and the other end to the negative side of your device.

For a 36V Series connection skip step 4 and use step 5 on the last battery in the chain.



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### WARNINGS

Not for use on any AC/alternating current connections. Intended for DC use only.  
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Never connect a damaged device to a power supply.  
Never connect a Dakota Lithium connector near flammable materials or where flammable fumes may accumulate.

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- Not for use on any AC/Alternating current connections. Intended for DC voltage use only.
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