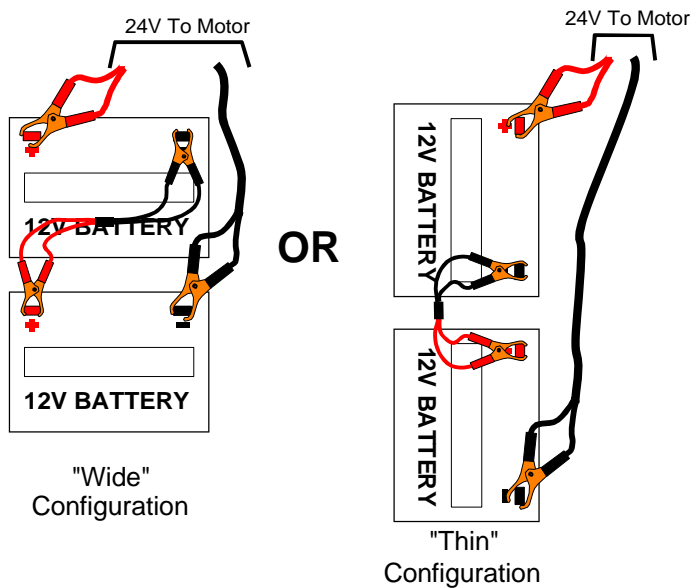


24 Volt Battery Hookup

By running 12 Volt batteries in series-parallel, you get a 24V system that goes further. All the batteries should be of the same type, size, charge, age, and manufacturer for best results. See the eCanoe 12V Battery Hookup Diagram for more information on battery life.



"Two by One" 24V Battery Hookup Diagrams

Supplies 24Vdc to motor.

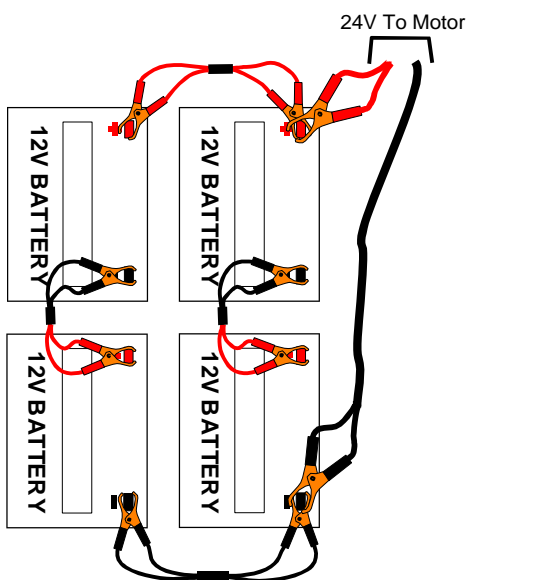
Each battery supplies the total motor current.

Both diagrams are electrically the same. Which one you choose depends on the layout of your boat, battery rails, etc.

Requires: ONE red-black jumper.



Lead-Acid Maintenance Tips
Never discharge a 24V system below 20 volts! **AND**
Always recharge your batteries as soon as possible.



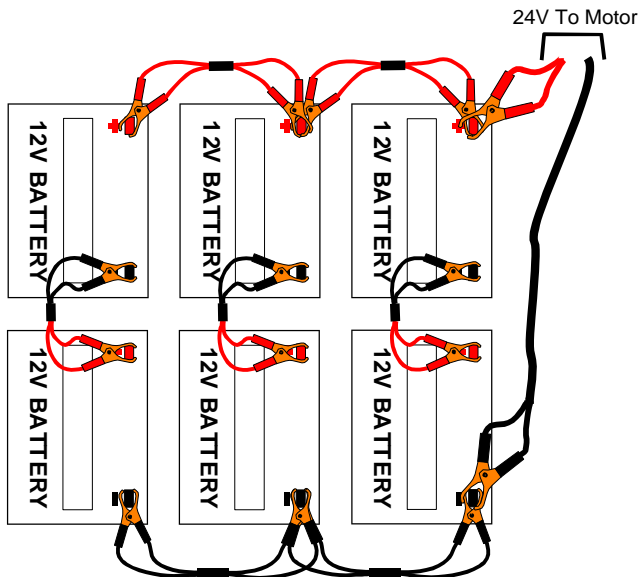
"Two by Two" 24V Battery Hookup Diagram

Supplies 24Vdc to motor.

Each battery supplies HALF the total motor current. This bank supplies **three times the power** of the "Two by One" hookup because each battery is drained slower.

NOTE: Batteries with terminals on the same side (as shown here) should never be paralleled in "Wide" Configuration (POS and NEG terminals could short out!). Use batteries with terminals on opposite corners for "Wide" Configuration hookup.

Requires: TWO red-black jumpers,
ONE red jumper and
ONE black jumper.



"Two by Three" 24V Battery Hookup Diagram

Supplies 24Vdc to motor.

Each battery supplies ONE-THIRD the total motor current. This bank supplies **five times the power** of the "Two by One" hookup because each battery is drained much slower.

NOTE: Batteries with terminals on the same side (as shown here) should never be paralleled in "Wide" Configuration (POS and NEG terminals could short out!). Use batteries with terminals on opposite corners for "Wide" Configuration hookup.

Requires: THREE red-black jumpers,
TWO red jumpers and
TWO black jumpers.

See the complete line of fused and color-coded 75 Amp Battery Jumpers at www.ecanoe.net