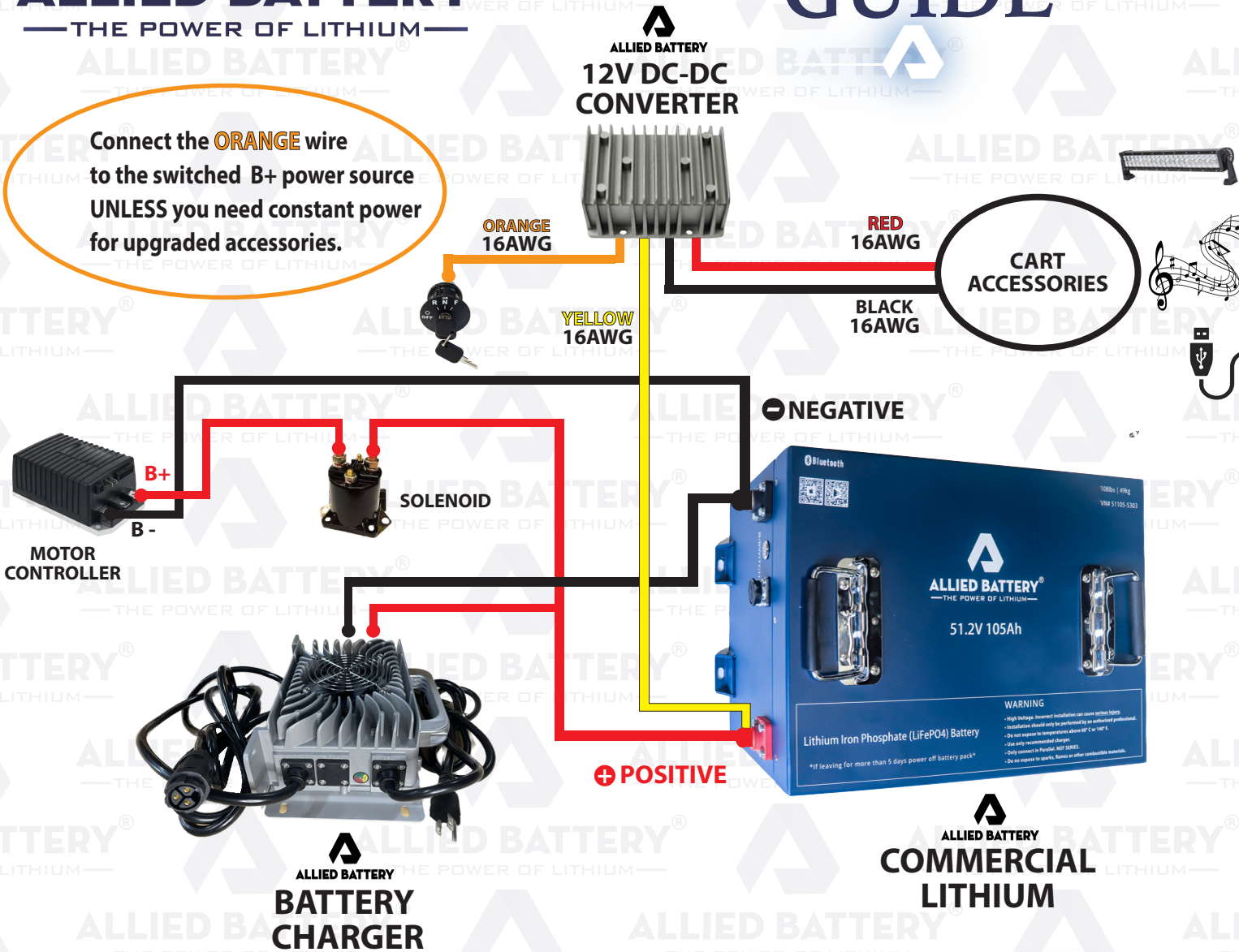


Connect the **ORANGE** wire to the switched B+ power source **UNLESS** you need constant power for upgraded accessories.



WE ARE HERE TO HELP

If you have any questions concerning safety precautions or for any assistance in installing or using the battery in your system, contact Allied's technical support engineers at one of the following numbers, or send us an email through our website at alliedlithium.com/pages/contact-us-1

TECHNICAL INFORMATION

Information provided by Allied Battery including technical documents, diagrams, videos, and information provided by representatives are for reference only. Actual details of each application may vary, please consult a professional for each specific application, service or installation.

BEGIN SAFE TO END SAFE

- Always wear proper personal protective equipment (PPE).
- Never wear jewelry or other metal objects when working on or around batteries.
- Always use insulated tools when working on batteries.
- Never place objects on top of batteries.
- Always check connections for proper torque.
- Proper connections should be checked regularly to ensure a tight connection.
- Never charge a battery when the temperature is below 32°F or above 131°F.
- Always keep sparks and flames away from batteries.
(including sources of static electricity)
- Never store batteries below 30% State of Charge.
- Always use Allied lithium charger
- Always make sure chargers are off or disconnected while working on batteries.
- Never attempt to open the battery case.
- Always install in a parallel set up.
- Do not immerse in battery in water.
- Never physically damage the battery
(this includes, without limitation): Puncturing, dropping, crushing, burning, penetrating, shaking, hammering, and misconnecting terminals.
- Never over-charge or over-discharge the battery.
- Never attempt to connect batteries in series.
- Do not connect the battery terminals with reverse polarity.

INSTALLING ALLIED BATTERIES

Use hand tools only and ensure the cable rings have solid flush contact with the battery terminal; largest diameter (high current) cables attach to battery terminals first for lowest resistance.

Take a photo of the battery wiring in the cart before removal.

Take note of the wires attached to system positive and system negative.

Lead-Acid batteries are wired in Series, Allied batteries are wired in Parallel.

Common cart voltages include 36V (38.4V) / 48V (51.2V) / 72V (76.8V)

Please confirm all Allied batteries are the same voltage and match your motor/controller system voltage.

Remove Lead-Acid Batteries and install Allied batteries.

Parallel Batteries make common connections only.

Positive (red) only connects to positive, Negative (black) only connects to negative.

Parallel Batteries must match cart controller voltage (24V/36V/48V/72V)

Do not connect parallel batteries in series to protect from high voltages which will destroy electronics, and can cause personal injury.

Parallel connections increase Amp-hour capacity (3x 30Ah = 90Ah; 5x 36Ah = 180Ah).