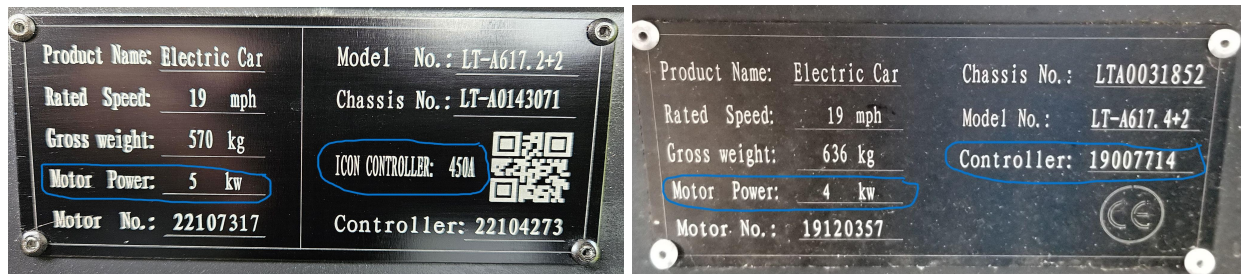


## NEW 2023 SERIAL PLATE SHOWN BELOW / OLDER SERIAL PLATE SHOWN BELOW



**How to tell if the Eco Lithium is compatible with my ICON with the limp mode Software update?** Check your Serial # plate if you have the 450 AMP controller and 5kW motor then you can update the software to accept the battery and install the limp mode. **Note:** The updated motor and controllers were introduced to the production line mid 2022.

**What is the Limp Mode?** Limp mode is when your cart starts to slow down when the battery needs to be charged. If you owned a cart before it's what you have experienced with the wet cell or AGM battery pack. **Note:** Lithium has full power until the end of cycle. Meaning full power until no power. With the limp mode update the state of charge meter will accurately show the battery percentage and when it hits a preprogrammed level the cart will slow down. This gives you two warnings to charge the cart. 1st state of charge meter shows a low battery percentage. 2nd the cart goes into limp mode. This will help prevent the dangerous brake lock up situation. **Only lithium provided by an Authorized ICON Dealer or Purchased through Wild About Carts has the capability of updating this proprietary software. (Programming required)**

**What is brake lock up?** Brake Lock occurs when the BMS does not or cannot communicate with your Controller. ICON units have an Electronic controlled braking system (EMB) along with 4-wheel disc brakes. The EMB needs voltage to operate. If your Lithium cannot communicate with the controller or too many amps are supplied to the battery this can trip the BMS which in return will shut down the power to the EMB causing the unit to suddenly stop.

### RUN MODE vs. TOW MODE vs. MANUAL Mode

Your cart is equipped with a three-way switch in the battery compartment (driver side, just below seat) RUN which is the active setting for driving. TOW mode which is designed for long term shortage and to shut down power while working on the cart. MANUAL mode which is meant to be temporary only (20 minutes max) to allow the cart to roll freely while towing or moving the cart. Your lithium battery has enough reserves to power up the EMB, however, IF the cart is left in MANUAL mode beyond 20 minutes, you run the risk of damaging the EMB due to continuous over voltage.

### How to update my software on My ICON with the 450 AMP controller and 5kW motor?

The installation of the ECO Lithium should always be installed by a knowledgeable technician. Your first choice should be your local Authorized ICON Dealer. If you decide to purchase the battery through WildAboutCarts.com then we will either provide a programming device which will need to be returned for store credit or one of our technicians will do it remotely with you. **Note:** This is by appointment only

**If I do not have the 450 AMP / 5kW ICON, Can I still purchase the ECO Lithium pack for my ICON?** Yes, but note you will not be protected from the possibility of brake lock up. To help prevent this situation please charge your cart frequently and do not tamper with the torque and speed settings. Many Users want their carts to go 30mph plus and tweak parameter settings. Just always know every action has a reaction. And in most states it's against the law to exceed 25 mph.

**Note:** ECO is diligently working on a programming solution which should be released in the coming months. Once this update is available we will revise this Q&A and send out notifications to our Network. Feel free to check back in for an update. Thank you for being part of the Wild About Carts Family!