

STYLE. PERFORMANCE. FUN.

LITHIUM



 **STAR**[®]

SMART LITHIUM BATTERIES

GET THE LEAD OUT

Old-fashioned lead-acid batteries are a waste of time and energy. Pick up the pace with powerful premium lithium batteries, the smart choice, from STAR, the EV industry leader.

ROBUST PERFORMANCE

From full charge to discharge, STAR Smart Lithium batteries deliver higher peak power for improved speed and acceleration. You get full power for longer drive distance with no sacrifice in vehicle performance.



LITHIUM SOLUTIONS

HIGH CAPACITY, LONG LIFE

Maintenance-free STAR Smart Lithium batteries take a charge, hold a charge, and recharge 3,000+ times. With a low self-discharge rate, STAR batteries provide months of worry-free storage. The Android and iPhone Smart Lithium app monitors battery usage, voltage and temperature right from your phone. You can also connect your battery to your home wi-fi for proactive monitoring and software updates. STAR Smart Lithium batteries will always be ready when you are.



IOS



ANDROID





INDIVIDUAL LITHIUM BATTERIES

HOW FAR DO YOU WANT TO GO?

The actual distance you can travel in an electric vehicle is determined by the load you put on the electric motor. Larger and heavier cars will use more energy. Lifted vehicles will use more energy because of the additional weight and larger tires. Adding passengers and uneven terrain will increase the load on the motor. The opposite is true as well. If you lighten the load on the vehicle it will travel farther. The following ranges are based on a 2-passenger vehicle traveling on flat ground.



**SMART LITHIUM
80AH**
TRAVEL 15-25 MILES
(24-40 km)



**SMART LITHIUM
105AH**
TRAVEL 30-40 MILES
(48-64 km)

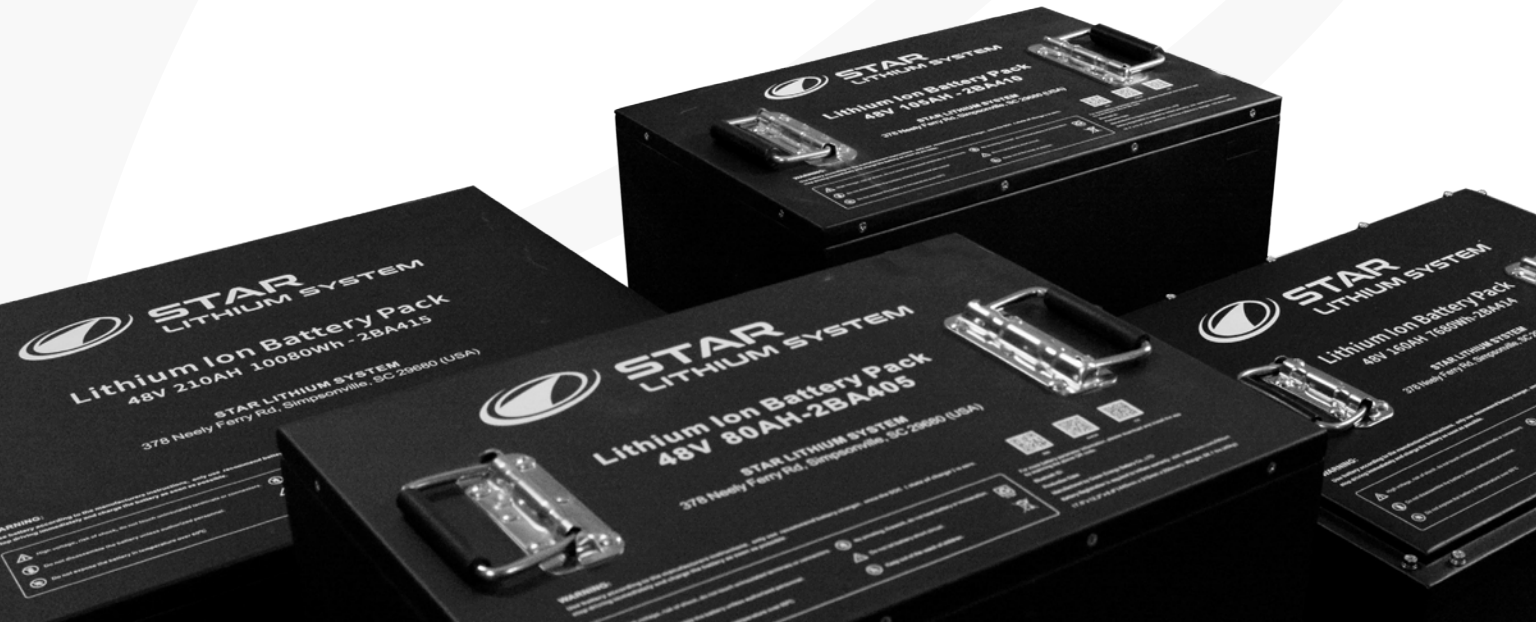


**SMART LITHIUM
160AH**
TRAVEL 45-60 MILES
(72-97 km)



**SMART LITHIUM
210AH**
TRAVEL 60-80 MILES
(97-129 km)

**Different passenger configurations and terrain will affect maximum travel distance.*



AVAILABLE

LITHIUM BATTERY PACKAGES

| MODELS | 80AH | 105AH | 160AH | 210AH |
|------------------------------|---|---|---|---|
| SIRIUS | 7BA405-SIRIUS (2021 & NEWER) | 7BA410-SIRIUS (2021 & NEWER) | 7BA414-SIRIUS (2021 & NEWER) | 7BA415-SIRIUS (2021 & NEWER) |
| | 7BA405-SIRIUS ON BOARD CHRG (2 & 2+2) | 7BA410-SIRIUS ON BOARD CHRG (2 & 2+2) | 7BA414-SIRIUS ON BOARD CHRG (2 & 2+2) | 7BA415-SIRIUS ON BOARD CHRG (2 & 2+2) |
| | 7BA405-SIRIUS OFF BOARD CHRG (2 & 2+2) | 7BA410-SIRIUS OFF BOARD CHRG (2 & 2+2) | 7BA414-SIRIUS OFF BOARD CHRG (2 & 2+2) | 7BA415-SIRIUS OFF BOARD CHRG (2 & 2+2) |
| | 7BA405-SIRIUS ON BOARD CHRG (4L & 4+2) | 7BA410-SIRIUS ON BOARD CHRG (4L & 4+2) | 7BA414-SIRIUS ON BOARD CHRG (4L & 4+2) | 7BA415-SIRIUS ON BOARD CHRG (4L & 4+2) |
| | 7BA405-SIRIUS OFF BOARD CHRG (4L & 4+2) | 7BA410-SIRIUS OFF BOARD CHRG (4L & 4+2) | 7BA414-SIRIUS OFF BOARD CHRG (4L & 4+2) | 7BA415-SIRIUS OFF BOARD CHRG (4L & 4+2) |
| CAPELLA | 7BA405-CAPELLA | 7BA410-CAPELLA | 7BA414-CAPELLA | 7BA415-CAPELLA |
| CLASSIC and SPORT | 7BA405 CLASSIC / SPORT OFF BOARD CHRG | 7BA410 CLASSIC / SPORT OFF BOARD CHRG | 7BA414 CLASSIC / SPORT OFF BOARD CHRG | 7BA415 CLASSIC / SPORT OFF BOARD CHRG |
| | 7BA405 CLASSIC / SPORT ON BOARD CHRG | 7BA410 CLASSIC / SPORT ON BOARD CHRG | 7BA414 CLASSIC / SPORT ON BOARD CHRG | 7BA415 CLASSIC / SPORT ON BOARD CHRG |
| EZGO RXV | 7BA405-RXV | 7BA410-RXV | 7BA414-RXV | N/A |
| EZGO TXT | 7BA405-TXT | 7BA410-TXT | N/A | N/A |

EACH PACKAGE INCLUDES: Charger, harness, state of charge meter, plug, receptacle, and all mounting plates and hardware.

**Not all components are needed for every solution.*

PLUG AND PLAY UPGRADE

SEAMLESS

- All-inclusive lithium upgrade kit for easy Plug-and-Go installation
- Integrated on-board fast-charge system
- Built-in digital battery management and monitoring system with app controls
- Maintains manufacturer warranty when installed as a STAR vehicle upgrade



2CH020 - Charger Lester Summit II 48V, 1050W, 22A, universal AC with cord for STAR Lithium Battery.
2BT287, 2BT288 or 2BT289, 2BT290

SOLID

- Authorized solution that retains factory fail-safe features
- Detailed technical documentation includes step-by-step installation instructions, visual guides and how-to videos

RELIABLE

- STAR's US-based support teams are available by phone and email for installation, technical and warranty guidance
- Aftermarket upgrade kits are available now for most EV models, ready for immediate shipment



2MT223 - Battery indicator, meter with 10 LED bars AND wire harness.
2SW800 or 2MT800



2CR910 - AC Charger Cord with Yeeda Plug for SIRIUS or Capella 110V or Classic. **2BI805, 2CB800**



2CR020 - Harness for Lithium On-Board chargers for 2CH020 charger



2BT800 - Battery Mounting plate and hardware. **2BT801**



2RC080 - AC 110V Charger Receptacle with cord for ON BOARD Chargers only.
2CH913, 2CH917, 2CH918



STAR EV Corporation is headquartered in Greenville, South Carolina and manufactures street legal low-speed electric vehicles. We strive every day to deliver exceptionally engineered world class electric vehicles, and provide comfort, safety, and a superior driving experience.

