

GOLF CART LITHIUM CONVERSION GUIDE

EVERYTHING YOU NEED TO CONVERT

Converting your golf cart to Interstate Batteries[®] lithium is easier than you might think. All you need is the right battery, the proper mounting hardware and a lithium-compatible charger. This guide will show you the parts you need and walk you through the basic installation steps.

REQUIRED BATTERY COMPONENTS

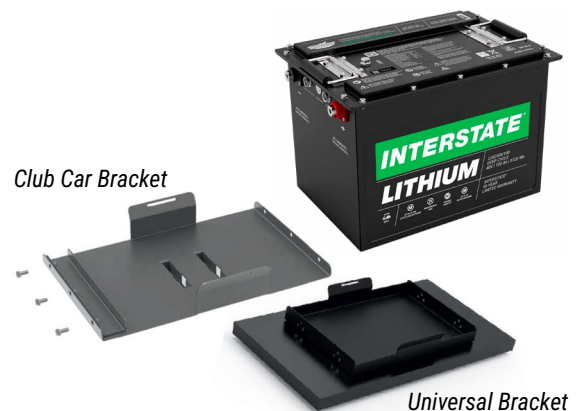
Lithium Battery

- Interstate[®] Lithium Golf Battery – Part Number: LiGC48V100
- Included with the battery:
 - State of Charge Fuel Gauge – Part Number: S4855SW-G
 - Remote On/Off Switch – Part Number: H05-5276

Conversion Bracket (Model-Specific)

- A conversion bracket is required to securely install the battery in your golf cart tray.

Please use the compatibility chart on page 2 to select the correct bracket.



REQUIRED CHARGING COMPONENTS

Lithium-Compatible 48V Charger

- Required for proper charging of your lithium battery.
- Part Number: D01-000042 or ES80048V001

Note: Lead-acid chargers are not compatible with lithium batteries.

Charging System Component

- AC Charger Passthrough Cable – Part Number: H05-001701
- Allows charging through the external port.



CONFIRM COMPATIBILITY

Step 1: Verify Your Golf Cart Before Installation

Before installing your Interstate lithium battery, check your golf cart's make and model to ensure you select the correct conversion bracket.

- Check Compatibility: Match your cart to the correct bracket using the Compatibility Chart.
- If your model is not listed, contact your authorized Interstate Batteries seller or local distributor.

MODEL	CONVERSION PART NUMBER
CLUB CAR	
Precedent (2004 - newer)	H03-0220
Tempo	H03-0220
Onward	H03-0220
Villager	H03-0243
Carryall (2015 - Newer)	H03-0243
Transporter (2015 - Newer)	H03-0243
DS 48V	H03-0243
E-Z-GO	
Freedom RXV (Plastic)	H03-0243
Freedom RXV (Metal)	H03-0243
Freedom/TXT 48V	H03-0243
Express	H03-0243
Valor (2017-newer)	H03-0243
2FIVE	H03-0243
YAMAHA	
Drive 2	H03-0243
Drive 1 (2011-2016)	H03-0243
Drive 1/G29 (2007-2010)	H03-0243
G29	H03-0243
Adventurer	H03-0243
G1-G16	H03-0243
G19, G22	H03-0243
ICON	
i20	H03-0243
i40	H03-0243
i60	H03-0243

INSTALLATION OVERVIEW

Step 2: Install Conversion Bracket and Lithium Battery

Club Car Bracket Installation (Part Number: H03-0220)

1. Install positioning components using M6 bolts
2. Insert J-bolts through the base plate and secure to the vehicle body
3. Place the battery pack on the base plate
4. Assemble side panels
5. Install the top panel with the rubber sheet underneath
6. Secure with M6 screws

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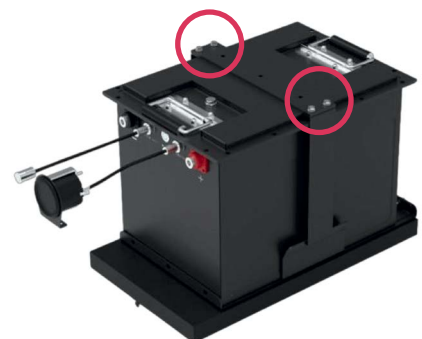
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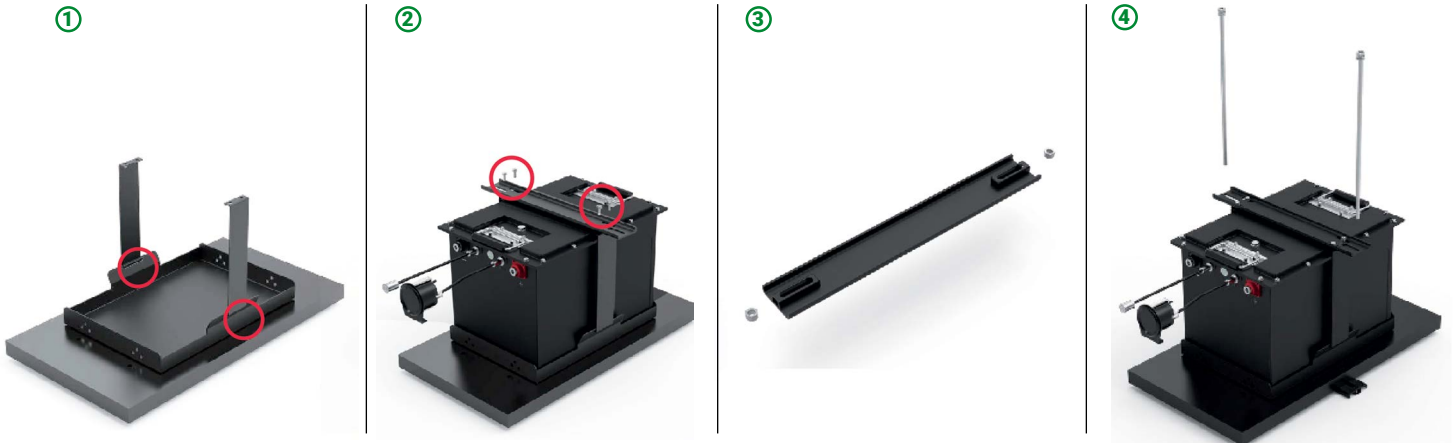
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Universal Bracket Installation (Part Number: H03-0243)

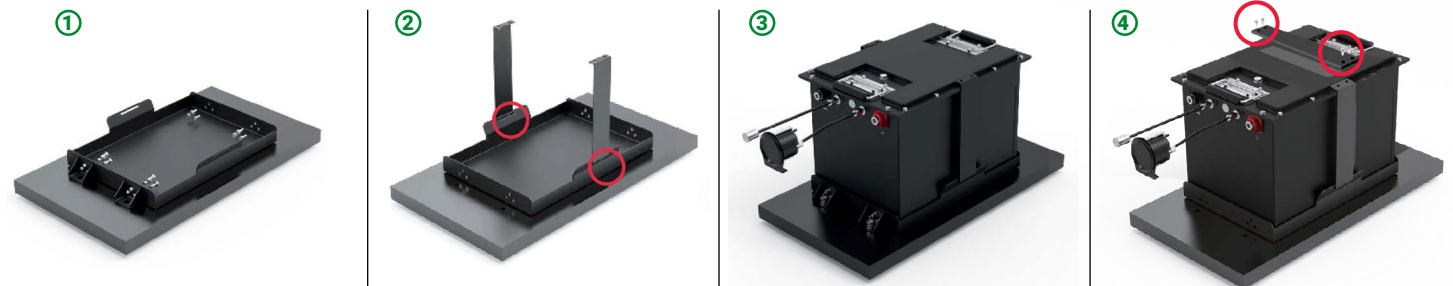
Option 1

1. Place base plate on tray and assemble side panels
2. Install battery and top panel with silicon sheet
3. Insert M8 anti-slip nuts into the bottom panel
4. Mount the bottom panel under the chassis with M8 bolts



Option 2

1. Assemble the mounting foot with M6 bolts
2. Fasten the base plate with four M8 bolts
3. Place battery on base plate
4. Install the top panel with silicon sheet and secure with M6 screws



Step 3: Connect a Lithium-Compatible 48V Charger

After installing the battery and bracket, connect a lithium-compatible 48V charger to ensure proper charging.
Part Number: D01-000042 or ES80048V001

Existing lead-acid chargers are not compatible and may damage the battery or fail to charge it properly.

Need a visual walkthrough? Watch the [Interstate® Lithium Golf Cart Conversion Video](#). You can also refer to our [Lithium Golf Cart Battery Manual](#) for full installation and system instructions.

To ensure you get the correct parts for your golf cart, contact an authorized Interstate Batteries seller or visit InterstateBatteries.com to find a nearby location.

Safety Note: Interstate Batteries® and its affiliates are not responsible for any damage or injury resulting from this guide. Always consult a qualified professional for safe and proper installation.



Wireless Connectivity

Did you know our lithium batteries feature wireless connectivity?

Get connected via the IB Li Golf App. Available on the App Store and Google Play.

