

ENERGYPAK PLUS

INSTALLATION & USER MANUAL



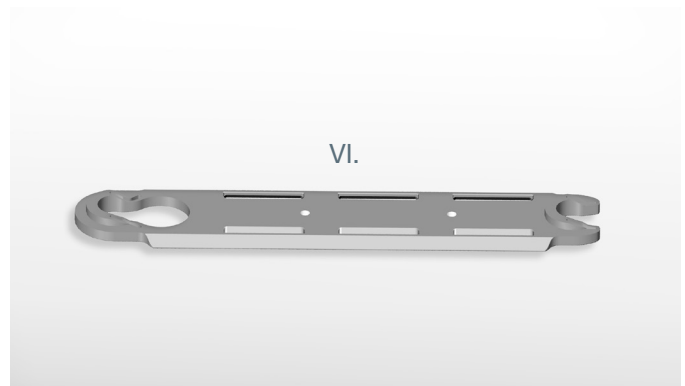
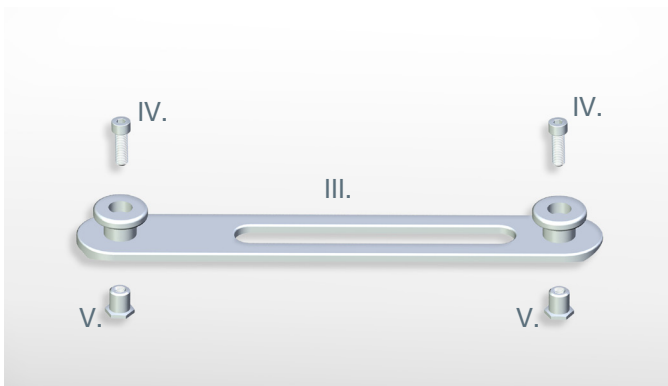
1. CONTENTS

Due to UN transportation regulations, the EnergyPak Plus battery (A) is packaged separately from the EnergyPak Plus mounting kit (B). Both packages (A+B) are necessary to mount and use the EnergyPak Plus on a compatible Giant/Liv E-Bike.

The complete set of battery and mounting kit includes the following items:

A - EnergyPak Plus Package:

- I. 1x EnergyPak Plus Battery
- II. 1x Travel bag (not pictured)



B - Mounting Kit Package:

- III. 1x Base plate
- IV. 2x Base plate bolts
- V. 2x Base plate nuts
- VI. 1x Bottle cage adapter plate
- VII. 1x Charger adapter cable
- VIII. 1x Cable strap
- IX. 1x Front mount attachment (incl. 1x screw)
- X. 1x Rear mount attachment (incl. 1x screw)



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2. SPECIFICATIONS

Type:	Lithium-Ion	Weight:	1.8 kg
Voltage:	36 V	Operating temp. (charge):	-20° C ~ 45° C
Capacity:	6620 mAh	Operating temp. (discharge):	-20° C ~ 60° C
Energy:	238 Wh	Storage temp. (short term):	-20° C ~ 40° C (< 3 months)
USB Port max. output:	5 V / 3 A	Storage temp. (long term):	-20° C ~ 20° C (> 3 months)
Dimensions:	5.6 mm * 99.9 mm * 87.4 mm		

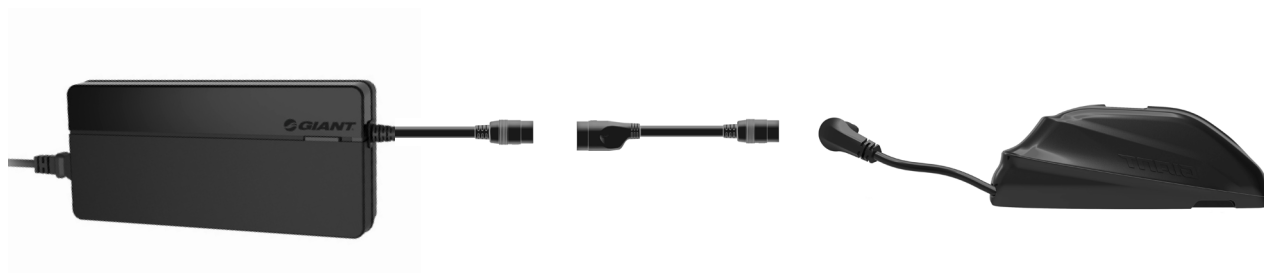
3. COMPATIBILITY

The EnergyPak Plus battery is compatible only with specific Giant or Liv bikes of model year 2020 or later. These specific bikes are equipped with a 7 pin charge socket, an EnergyPak Smart battery and a frame with pre-drilled holes for the EnergyPak Plus Mounting Kit. Always consult your local Giant dealer if more information and advice on compatibility, installation and usage is needed.

4. CHARGING ENERGYPAK PLUS

The EnergyPak Plus will arrive from the factory in a hibernate state. It must be activated first, by connecting it to the charger.

It is recommended to fully charge the EnergyPak Plus before the first use. To charge the EnergyPak Plus, use the original Giant Smart Charger that was supplied with the bike and the adapter cable (VII.) provided in the mounting kit.



During charging, the led indicator on the EnergyPak plus will light up in a sequence from bottom to top. Each led represents a section of 20% of the total capacity. When a section is full, the led will light up constant and remaining leds will continue the sequence until all leds light up constant, indicating that the EnergyPak is then fully charged.

Charging time:

0 – 60%:	1:28 h
0 – 100%:	3:25 h

5. SAFETY, STORAGE AND TRANSPORTATION

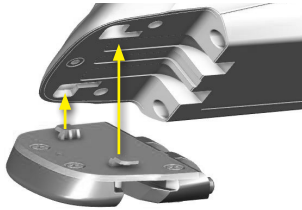
The same rules regarding safety, storage and transportation that apply to your Giant or Liv E-bike and Energypak Smart, also apply to the EnergyPak Plus. Please refer to your e-bike's user manual and make sure you have read and understood all information. If you don't have access to your e-bike's manual, ask your dealer for a paper copy or download a digital copy of the e-bike user manual from the Giant or Liv website.

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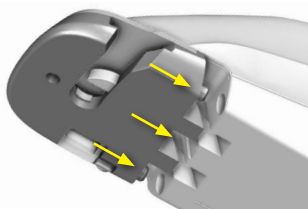
6. FRONT & REAR MOUNT ATTACHMENT INSTALLATION

It is strongly advised to have the all parts installed by your local Giant dealer.



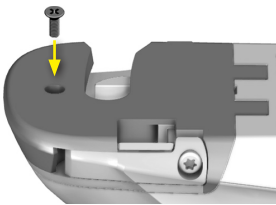
STEP 1

Align tabs of the front mount attachment (IX.)



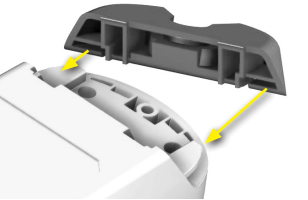
STEP 2

Slide the front mount attachment onto the EnergyPak Plus.



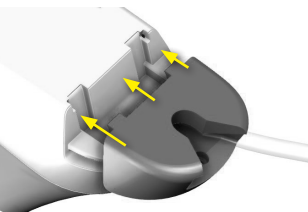
STEP 3

Secure the front mount attachment with the screw. Tighten to 2 N•m.



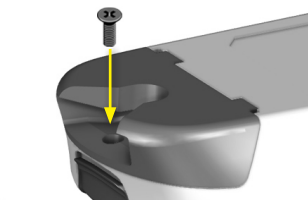
STEP 4

Align tabs of the rear mount attachment (X.)



STEP 5

Slide the rear mount attachment onto the EnergyPak Plus.



STEP 6

Secure the rear mount attachment with the screw. Tighten to 2 N•m.

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7. MOUNTING KIT INSTALLATION

It is strongly advised to have the EnergyPak Mounting kit installed at your Giant dealer by a skilled mechanic. Use only the original parts and hardware supplied in the mounting kit.



STEP 1

Remove the EnergyPak Smart from the bike.



STEP 2

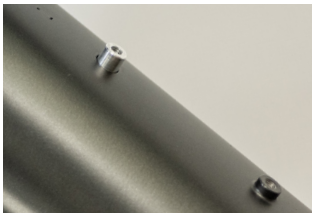
Remove any installed bottle cage, bolts or other accessory from the bottle cage mounts.



STEP 3

Remove the rubber plugs from the EnergyPak Plus mounting holes in the downtube.

Push the plug from the inside of the downtube and pull out from the top.



STEP 4

Put a mounting plate nut (V.) in the top hole from the inside of the frame. Hold it in place with a finger. Place the base plate (III.) onto the nut coming out through the frame.



STEP 5

Put in a mounting plate bolt (IV.) from the top of the baseplate. Loosely screw it into the nut a few turns. Repeat with the second nut and bolt on the other end. Tighten both bolts to 4 N•m.

Make sure the nuts do not rotate while tightening. Block the rotation with a 10mm wrench if necessary.



STEP 6

Double check if the mounting plate is firmly secured on the frame. Make sure no bottle cage bolts or other items are sticking out above the surface of the baseplate.

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8. ENERGYPAK PLUS INSTALLATION

Placing the EnergyPak Plus on the bike:



STEP 1

Gently slide the backside of the EnergyPak Plus onto the lower pillar of the baseplate fully until it can't go further.



STEP 2

Slide the front side of the EnergyPak Plus onto the top pillar of the baseplate, until the lock mechanism fully engages.



STEP 3

Double check to see if it is properly secured in place.



STEP 4

Close the retaining lever on the opposite side of the EnergyPak plus.



STEP 5

Secure the retaining lever with a T25 Torx key. Tighten it "hand-tight" (about 2-4 N•m)



STEP 6

Connect the connector plug of the EnergyPak Plus to the charge port of the bike.

Make sure to firmly press the connector plug completely into the charge port, to ensure proper contact and avoid moisture from entering.



STEP 7

Wrap and secure the Cable strap (VIII.) around the EnergyPak Plus cable and the frame. It is recommended to place the buckle of the strap on the bottom of the frame. Check and make sure the cable or strap does not interfere with the crank rotation.

With everything properly installed, the EnergyPak is ready for use.

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9. ENERGYPAK PLUS REMOVAL

Removing the EnergyPak Plus from the bike:



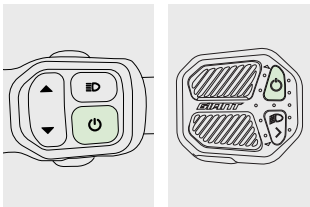
HOW TO REMOVE ENERGYPAK PLUS:

To remove EnergyPak Plus from the bike, simply follow installation procedure in reversed order, except:

1. After opening the retaining lever with Torx key (step 5-4), pull the lock lever on the bottom of the EnergyPak Plus to open the lock mechanism.
2. Push the Energypak Plus off the top pillar of the baseplate.

10. ENERGYPAK PLUS OPERATION

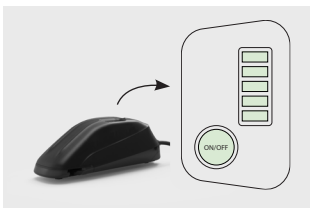
Make sure EnergyPak Plus is properly installed and connected to the bike.



STEP 1

Switch on the bike with the RideControl on/off button on the handlebar.

The battery indicator of the RideControl display will show charge level of the main battery.

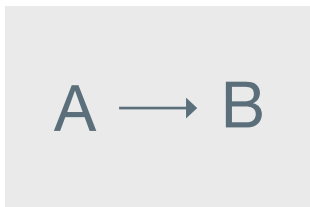


STEP 2

Push the button on top of the Energypak Plus.

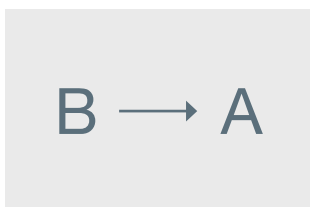
The led indicator next to the button will show the charge level of the EnergyPak Plus. The EnergyPak Plus is now connected to the system.

The battery indicator of the RideControl display/leds will show charge level of both batteries combined.



STEP 3

When the main battery (A) is almost empty, the system will switch to the EnergyPak Plus (B).



STEP 4

When the EnergyPak plus (B) is empty, the system will switch back to the main battery (A).

The main battery will deliver power for a short time, until the assistance is finally switched off and the battery indicator on the RideControl starts blinking.

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11. BOTTLE CAGE ADAPTER

With the supplied bottle cage adapter, it is possible to place a bottle cage onto the baseplate, instead of the EnergyPak Plus.



STEP 1

Mount a bottle cage onto the adapter.

Make sure the bottle cage bolts do not stick out of the bottom surface of the adapter.



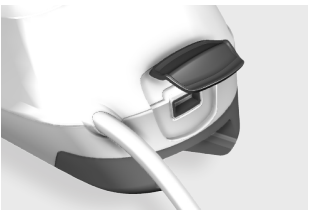
STEP 2

Slide the adapter down onto the base plate until it snaps in place.

To remove the adapter with bottle cage, pull in the opposite direction.

12. USB PORT

The EnergyPak Plus can also function as a powerbank to charge your device. Use the USB port in well ventilated areas and dry conditions only. Always make sure the USB port cover is fully closed during riding with the EnergyPak Plus.



HOW TO USE THE USB PORT:

1. Pull and lift the USB port cover to expose the USB port.
2. Connect your device with a compatible USB cable.
3. When finished, remove the device and cable from the EnergyPak Plus.
4. Close the USB port cover.

13. FREQUENTLY ASKED QUESTIONS

Q: Can I turn on EnergyPak Plus power in the middle of cycling?

A: Yes. You can connect and turn on EnergyPak Plus power any time, no need to turn off the E-bike.

Q: Can I charge my E-bike battery and EnergyPak Plus at the same time?

A: No. The Smart Charger can only connect to one EnergyPak at a time.

Q: Can I use EnergyPak Plus without the main battery?

A: No. The bike can be switched on, but the motor can't draw power from EnergyPak Plus without the main battery present.

Q: How many times can I charge my EnergyPak Plus?

A: As many and often as necessary. However, all batteries degrade over time, and will eventually wear out.

The rate at which the battery capacity will degrade depends on various circumstances, like age, workload, temperature and the number of (dis)charges.

Q: How does display show battery level?

A: The display will show the total level of both EnergyPaks combined.

Q: How does display show remaining range of the battery?

A: The display shows the remaining range of both EnergyPaks combined.

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14. WARRANTY

Giant warrants for the original owner of the EnergyPak Plus (incl. mounting kit) to be free from defects in material and workmanship for the period of two years from the date of purchase, for 60% of the battery's original nominal capacity at a maximum of 250 charges.

This warranty applies only when the EnergyPak Plus is purchased new from an Authorized Giant Dealer.

LIMITED REMEDY

Unless otherwise provided, the sole remedy under the above warranty, or any implied warranty, is limited to the replacement of defective parts with those of equal or greater value at the sole discretion of Giant. This warranty extends from the date of purchase, applies only to the original owner, and is not transferable.

In no event shall Giant be responsible for any direct, incidental or consequential damages, including, without limitation, damages for personal injury, property damage, or economic losses, whether based on contract, warranty, negligence, product liability, or any other theory.

Giant makes no other warranties, express or implied. All implied warranties, including the warranties of merchantability and fitness for a particular purpose are limited in duration to that of the express warranties stated above.

Any claim against this warranty must be made through an Authorized Giant Dealer or distributor. The purchase receipt or other proof of the date of purchase is required before a warranty claim may be processed.

Claims made outside the country of purchase may be subject to fees and additional restrictions. Warranty duration and detail may differ by country. This warranty gives you specific legal rights, and you may also have other rights which may vary from place to place. THIS WARRANTY DOES NOT AFFECT YOUR STATUTORY RIGHTS.

EXCLUSIONS

- Normal wear and tear on parts in situations where there are no assembly or material defects.
- Bicycles serviced by other than an Authorized Giant dealer.
- Modifications from the original condition.
- Use of the bicycle for abnormal, competition and/or commercial activities or for purposes other than those for which the bicycle was designed.
- Damage caused by failing to follow the owner's manual.
- Paint finish and decal damage resulting from taking part in competitions, jumping, downhill and/ or training for such activities or events or as a result of exposing the bike to, or riding the bike in, severe conditions or climates.
- Labour charges for part replacement or changeover.

Except as is provided by this warranty and subject to all additional warranties, Giant and its employees and agents shall not be liable for any loss or damage whatsoever (including incidental and consequential loss or damage caused by negligence or default) arising from or concerning any Giant bicycle.