



JGR Quick Start Guide

Congratulations! You have just purchased the finest pedal-assisted electric bicycle in the market today.

Your BESV e-bike can be pedaled like a normal bike, and it can assist you while you pedal. Be sure to read this Quick Start Guide before you start an amazing ride with your BESV e-bike.

For further information, refer to the full user manual or visit www.besv.com.

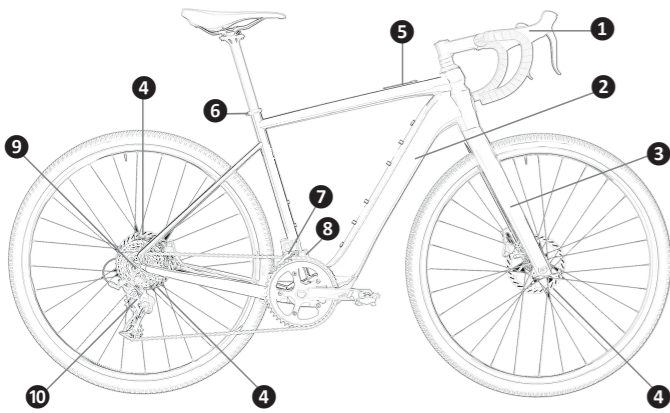
您可以如使用普通自行車般似地騎乘BESV電動輔助自行車。而當輔助功能開啟時，電動輔助自行車會在您踩踏踏板時提供助力。

請在正式騎乘之前詳閱此快速使用手冊。完整的使用者說明書，請至www.besv.com下載。

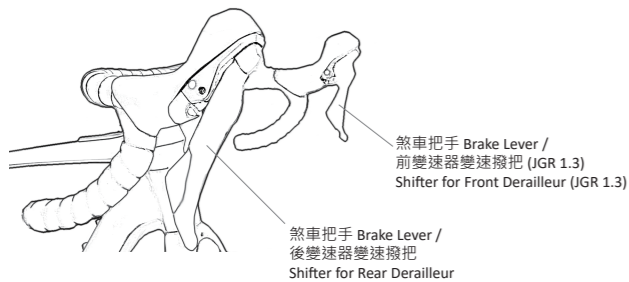


This Quick Start Guide is not intended as a comprehensive document. 此快速使用手冊不能作為完整的使用手冊文件。

認識您的JGR Know Your JGR



- | | |
|--|--|
| 1. 彎把與整合式煞變把
Flared Drop Handlebars with Control Levers | 6. 座管束 Seatpost Clamp |
| 2. 內藏式電池 Integrated Battery | 7. 前變速器 Front Derailleur
(JGR 1.3僅有 / Available on JGR 1.3) |
| 3. 碳纖維前叉 Carbon Front Fork | 8. 充電座 Charger Port |
| 4. 碟煞盤 Disc Brake Rotors | 9. 輪胎馬達 Hub Motor |
| 5. 人機介面 HMI (Human Machine Interface) | 10. 後變速器 Rear Derailleur |



簡介

電動輔助自行車

電動輔助自行車是帶有電控系統的自行車，僅能在您踩踏踏板時提供電力輔助。在踏板曲柄軸承上的扭力感應器，會測量您踩動的力道，再決定由電動馬達提供多少力量。在您停止踩動時，電動馬達就會停止輸出輔助動力。

電動輔助自行車在多數國家有時速的法律規範。舉例來說，歐洲國家的最大輔助速度是25公里/小時（每小時15.5英里）。在達到最大輔助速度前，馬達輸出的力量會逐漸減少，直到停止輸出動力，以符合規定的速限。在不使用電力輔助功能時，您仍可憑藉著自身的體能，騎乘超過最大輔助速度。

專車專用

請確定您的電動輔助自行車是用做它設計的用途。如果電動輔助自行車不用於設計時的用途，可能會導致零件損壞，造成意外或受傷。

BESV JGR 設計為礫石公路 (gravel) 型電動輔助自行車。請在適用的環境下騎乘，若有其他需求（如下坡）請另選擇適合的車型，以保護您的安全。

此電動輔助自行車設計僅能乘載一人（騎乘者），並禁載嬰兒、幼童或動物。

電動輔助自行車並不有意限制特定人的身材、知覺、心智能力，但14歲以下的孩童不適合騎乘電動輔助自行車（請確認您國家的規範，最低使用者年齡可能更高）。電動輔助自行車總重包括騎士、配件及行李可允許120公斤（264磅）。請勿超過可允許的乘載重量，並且不允許使用於牽引或拖曳之用途。

為了您的安全，敬請配合。

清潔注意事項

請不要使用高壓清洗器或蒸氣清潔器來清潔電動輔助自行車。高壓水柱或蒸氣可能會對造成自行車的承軸、連接處、輪胎或甚至是表面造成損害，損害可能不容易被肉眼發現。電動輔助自行車包含電控系統，若自行車因高壓水柱或蒸氣導致電控系統的電氣部件不慎接觸到水氣，電控系統會有失靈的風險，進而導致有產生意外的風險，請特別注意。請盡量維持自行車的乾燥，盡量避免使用過量的水來清潔。

請使用柔軟的布、海綿或刷子清潔電動輔助自行車。車身表面可用少量的中性清潔劑來清潔，清潔後也請確保無清潔劑殘留在車身。請勿使用非中性的清潔劑。

Introduction

Pedelec (A Type of E-Bike)

A pedelec is an electrically assisted bike that provides assistance when and only when you pedal. The torque sensor located on the pedal crank bearing detects how hard you are pedaling and determines how much power the motor should provide to give you a pleasant ride. The electric motor is turned off as soon as you stop pedaling.

In most countries, there are laws regarding pedelec design and the use of pedelecs. For example, the maximum assisted speed is 25 km/hr (15.5 mph) in European countries. When you are reaching the maximum assisted speed, the motor starts to reduce its power output until it ceases in order to meet the law requirement. However, with pedal-assist function off, you may be able to surpass the maximum assisted speed with your physical strength and agility.

Intended Use

For your safety and for avoiding damages to your bike, please make sure your pedelec is used according to its intended use.

BESV JGR is designed to be a gravel pedelec. Please ride your bike under suitable conditions. If you have other needs, such as downhill riding, please select other suitable bikes for your safety.

This pedelec is designed to be ridden by only one person (the rider) and does not permit carrying infant, children or animals.

Pedelecs do not intend to limit the stature, perception, and mental ability of its user; however, a child under 14 years old is prohibited to ride the pedelec. (Please check your local laws; the minimum age may be higher.) According to EN regulation the maximum gross weight of the e-bike, including the weight of rider, accessories and/or cargo, is under 120 kg (264 lb). Do not exceed the allowable gross weight. It is also not designed to pull or tow another bike, trailer, or any other items via a connection system.

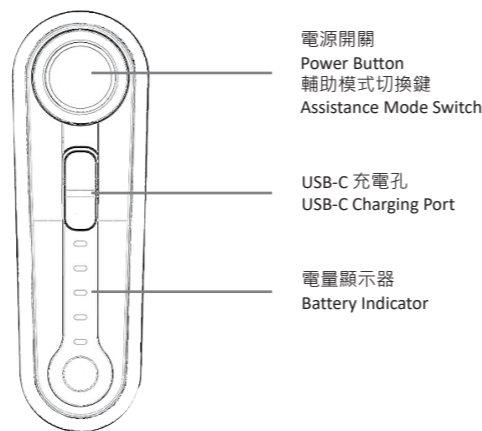
Notes for Cleaning

Do not use high-pressure or steam cleaning equipment to clean the bike. The steam or water jet coming from a high-pressure cleaning machine may cause damages to the bearings, bolted parts, tires or other bike surfaces and may be difficult to be seen with naked eye. Water may also seep into bearings or damage the electrical parts of the e-bike system. Such damages may lead to malfunction and therefore risk of accident. Please try to keep your bike dry, and avoid using excess water to clean it.

Use soft cloth, sponge or brush to clean your bike. Use moderate amount of neutral detergent for cleaning. Make sure there is no detergent residue on your bike after cleaning. Please do not use non-neutral detergents to clean your bike.

儀表操作 Introducing HMI Functions

認識JGR的儀表 HMI Overview



如何開關電源

How to Turn On/Off the Battery Power

請確保JGR的電池仍保有電量。
Please make sure that the battery has enough capacity.

開啟電源 To turn ON	長按 Long press
關閉電源 To turn OFF	先長按後放開按鈕 Long press and then release

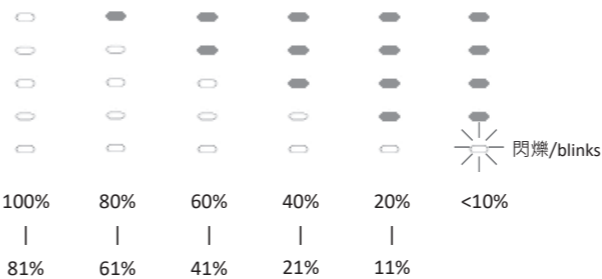
輔助模式操作 Pedal Assist Modes

電源開啟時，請按電源開關來切換助力模式：
When the power is turned on, **press the power button** to switch power modes.

模式依序循環：

0 無亮光 / Light OFF	無助力輸出 / No Assist
1 藍色 / Blue Light	ECO 模式 / ECO Mode
2 紫色 / Purple Light	Smart 模式 / Smart Mode
3 紅色 / Red Light	Power 模式 / Power Mode

電量顯示 Battery Level Indicator



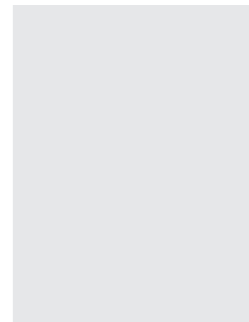
BESV Smart App

我們為您準備了完善的體驗設計，誠邀您下載BESV Smart App，完整體驗！
To get the full experience we have designed for you, remember to download the BESV Smart App!



請按照App上的指示創建帳戶與註冊您的JGR。
Follow the on-screen instructions to create an account and register your JGR.

註冊碼 Registration Code



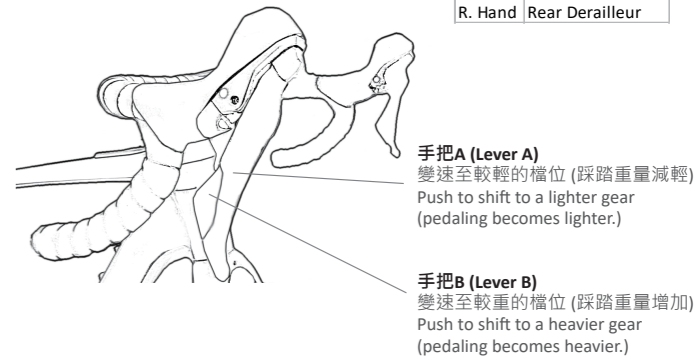
BESV Smart App完美地搭配JGR，提供更多功能：找車、掌握自行車狀態、騎乘資料分析整理、微調設定等。請把握體驗！

The BESV Smart App is designed to work seamlessly with your JGR. Find your bike, get notified of its status, analyze your ride data, and fine-tune settings for optimal performance. Try out these valuable features now!

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Google Play and the Google Play logo are trademarks of Google LLC.

如何變速 How to Shift Gears

左手 L. Hand	前變速 (JGR 1.3) Front Derailleur
右手 R. Hand	後變速 Rear Derailleur

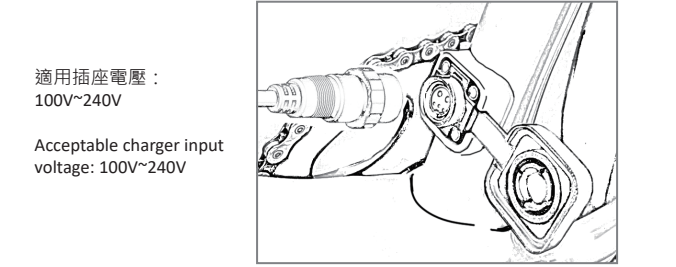


* 同時按壓手把A和B無法變速。
Gears cannot shift if both Lever A and B are pressed at the same time.

變速及煞車共用手把，變速時由左右外側向內按壓；煞車時由騎乘方向的前方往後方按壓。
Levers are used for both the transmission system and brake system. Press from the right or left side towards the front wheel to shift gears; and press from front to back to brake.

如何充電 How to Recharge the Battery

JGR的電池為內藏式。請將充電器正確插入車架上的充電座來充電。
JGR has integrated battery. Please correctly connect the charger to the battery port to recharge.



適用插座電壓：
100V~240V

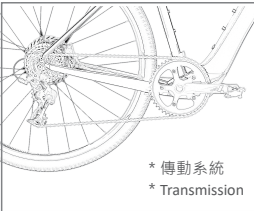
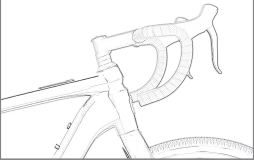
Acceptable charger input
voltage: 100V~240V

人機介面上的電量顯示器與充電器的LED會於充電時閃爍，反應電量變化。
While charging, HMI and Charger's LED Indicators blink to reflect battery capacity changes.

充電狀態 Status	充電器LED狀態 Charger LED Description
充電器接上電，但未接上電池 AC power connected, but battery unconnected.	綠燈 Green ●
初始充電 Initial Charge	紅燈 Red ●
充電程度 Normal Charge SOC < 20%	閃爍紅燈一次 (循環) Red (blinks once; repeat) ☀
充電程度 Normal Charge SOC 21~39%	閃爍紅燈二次 (循環) Red (blinks twice; repeat) ☀☀
充電程度 Normal Charge SOC 40~59%	閃爍紅燈三次 (循環) Red (blinks thrice; repeat) ☀☀☀
充電程度 Normal Charge SOC 60~79%	閃爍紅燈四次 (循環) Red (blinks four times; repeat) ☀☀☀☀
充電程度 Normal Charge SOC >= 80%	閃爍紅燈五次 (循環) Red (blinks five times; repeat) ☀☀☀☀☀
充電完成 Fully Charged	綠燈 Green ●
電池或充電器有問題 Battery or Charger Error	閃爍橘燈 (持續) Orange (blinks continuously) ☀

騎乘前檢查 Pre-Riding Check

* 煞車、所有連結處
* Brake system; Joints



* 傳動系統
* Transmission

* 座桿深度
* Seatpost depth



* 輪胎
* Wheels

騎乘自行車前，請確認以下事項：

- 檢查車子所有部位是否完好無損，能正常使用。
- 檢查所有連結處，是否有任何鬆動。
- 檢查騎乘時是否出現任何異音。
- 檢查煞車系統的磨損情況；檢查運作是否正常。
- 檢查踩踏表現是否平順。
- 檢查傳動系統是否能順暢地變速。
- 檢查座桿有達到標示的最小嵌入深度。
- 檢查輪胎胎壓在建議範圍之內，沒有漏氣或損傷；胎紋深度足夠。

•如欲使用電動輔助功能，請檢查電池電力是否充足；電控系統及儀表的運作是否正常。

如有任何異常或疑慮，請不要騎乘，並請聯繫我們的客戶服務中心或合格授權專業維修經銷商。

Please check the following before riding your e-bike:

- Check if all parts of the e-bike is undamaged and can function properly.
- Check all bolted and connecting parts of the bike are secured in place.
- Test ride to check if there is any abnormal noise from your e-bike.
- Check that the brake pads are not overly worn; and ensure brake system is working properly.
- Test to see if you can pedal smoothly.
- Check if the transmission system allows you to shift gears smoothly.
- Make sure saddle height adjustment does not exceed the minimum seatpost insertion depth requirement.
- Make sure tire pressure is within recommended range, and pressure is not dropping abnormally; as well as tire tread depths are sufficient.
- Check if the battery has enough capacity for your upcoming ride. Check if the electronic system and HMI are working properly.

If you find anything to be abnormal, please refrain from riding and contact our service center or authorized professional distributor for assistance.

⚠ 電池與充電器注意事項

- 如果電源線、電源插頭或插座損壞、濕或髒，碰觸時可能會觸電，有致命傷害的危險。請勿徒手觸碰，另建議請求專業人士協助處理。
- 僅使用本產品專用充電器。使用非專用的充電器有故障跟發生災害的危險。
- 切勿將充電器放入水中，有觸電以及損害充電器的危險。
- 僅使用乾的充電器、未損壞的電源線和充電器。
- 請保護電池免受潮。請將帶有電池的JTR存放在乾燥的地方。
- 請勿將電池暴露在低於-20°C 和高於55°C的儲存溫度。請注意，溫度高於55°C可能導致過熱的內部結構，尤其是在陽光直射時。
- JGR電池的工作溫度範圍為-10°C 與55°C，溫度過高或過低都可能使電池無法正常運作。
- 請勿試圖拆卸或改裝電池或充電器。
- 請勿使電池受到高壓。
- 電池加熱到非常高的溫度，有火災的危險。
- 當充電時，請將充電器和電池置於非易燃表面上，並請確保沒有易燃物接近電池。請勿在鋪有地毯的地板上給電池充電。
- 請勿存放電池於易燃物品附近。
- 請勿在充電過程中覆蓋充電器。
- 在連接充電線之前，請去除充電插口中的任何異物，如灰塵、冰或雪。
- 電池深度放電可導致內部損壞。在使用以及儲存過程中請避免電池深度放電。
- 請勿在潮濕處或在環境溫度低於 0°C 或高於40°C 時使用充電器。
- 請勿將電池暴露在溫度波動的環境下。
- 理想的運送溫度在20°C 與25°C之間。
- 使用充電器前，請詳閱所有的使用指示，還有所有充電器、電池、需充電的產品上的所有警語。
- 如電池、電源線和充電器有任何損壞請立即更換。
- 在不使用時，請定期將電池完全充電，並至少每3個月一次。
- 請將電池放在遠離兒童的地方。請留意勿讓兒童在沒有大人的監管下接觸或操作電池、充電器。
- 如果當電池正在使用、被充電或存儲時，您注意到電池變熱，散發一種強烈的氣味，外形改變或表現異常，請立即停止使用該電池。
- 充電器沒有開啟/關閉開關。如果您不需要充電，請拔下插頭以節省能源。
- 完成充電時，請先拔家用交流電源(AC)插頭後再拔直流電源插頭(DC)。
- 請先斷電再對電池或充電器進行任何的清潔保養或維修。

維修與保養 Maintenance and Repair

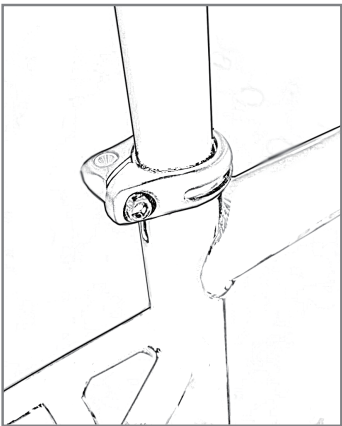
保養和維修的頻率會視情況而定（如騎乘方式、保存方式等）。建議您**至少每年一次**將電動輔助自行車送至本公司授權專業經銷商檢修及保養，使您的BESV JGR在保持良好的狀態。完整的使用者說明書有更詳細的維修與保養守則。

The frequency of maintenance or repair will vary depending on various conditions (riding, storage, etc.). We recommend that you visit our authorized professional distributor at least once every year for service and repair in order to keep your BESV JGR in excellent condition. The User Manual contains a more comprehensive maintenance and repair guide.

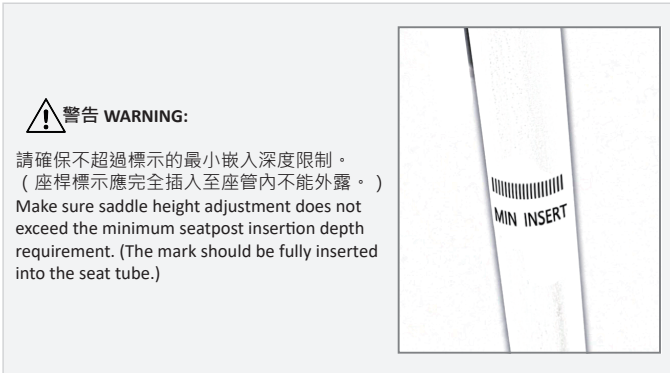
⚠ Battery and Charger Precautions

- If the charger cable, plug or the outlet is damaged, wet or dirty, there is a risk of electric shock, which could be fatal. Under such conditions, please do not touch the items with bare hands and seek help from professionals.
- Use only the battery charger delivered with the product. Using any other charger could damage both t he battery and charger, may cause overheating of the battery or even explosion.
- Do not submerge the charger in water. There are risks of electric shock or damage to the charger.
- Only use undamaged power cable and charger in dry state.
- Please protect your equipment from humidity, to avoid corrosion. Please store your JTR in dry environment.
- Do not expose the bike in a storage temperature lower than -20°C or higher than 55°C. Please note that the internal structure of battery may be overheated to damage due to high temperature greater than 55°C, particularly exposed to direct sunlight.
- JGR battery's allowable operating temperature range is between -10°C and 55°C. Higher than lower than this range could result in battery malfunction.
- Do not open the equipment to reduce the risk of electrical shock. For safety reasons, it is only allowed to be opened by qualified service personnel.
- Do not expose the battery to high voltage.
- There is a fire risk if the temperature of battery rises up to a dangerous level.
- The battery and charger should be placed on fire-retardant surface and stay away from inflammable items when charging is in progress. Do not charge the battery while it is on a carpeted floor.
- Please do not store the battery near combustible items.
- Do not cover the charger during charging. There is a risk of over-heating, fire or explosion.
- Remove any possible foreign object from the charging socket, such as dusts, ice or snow before plugging in.
- Deep discharging of battery may result in internal damage. Avoid deep discharging of battery while in use or storage.
- Do not use the charger in a humid space or in an ambient temperature lower than 0°C or higher than 40°C.
- Avoid letting the battery experience sudden temperature changes.
- The ideal storage temperature for transport is between 20°C and 25°C.
- Please read all the instructions and warnings labels thoroughly before using the charger and battery.
- Replace damaged power cable and charger immediately.
- If not in use, the battery should be charged fully at least every 3 months.
- Please keep the battery away from children. Please ensure that children should not handle battery or charger without adult's supervision.
- If you detect that the battery becomes very hot, emits a strong odor, starts to deform or performs in an unexpected way while in use, being charged or in storage, please stop using the battery immediately.
- After charging, if not in use, remove the battery from the charger and unplug the charger.
- Once done charging, please disconnect AC plug from the outlet before unplugging the DC power cord from the battery.
- Please always disconnect equipment from power supply before maintenance or repair.

如何調整座墊高度 How to Adjust Saddle Height



1. 使用六角扳手5號，逆時針方向鬆開座桿束
Use 5mm Hex Key and turn counterclockwise to loosen the clamp.
2. 調整至適當高度
Adjust the seatpost (saddle height).
3. 順時針方向鎖緊座桿束 (4-6 Nm)
Turn the key clockwise (4-6 Nm) to tighten the clamp.



⚠ 警告 WARNING:

請確保不超過標示的最小嵌入深度限制。
(座桿標示應完全插入至座管內不能外露。)
Make sure saddle height adjustment does not exceed the minimum seatpost insertion depth requirement. (The mark should be fully inserted into the seat tube.)

BESV 保證卡 WARRANTY CARD

產品 Product : _____

功能 Function : _____

型號 Type : _____

購買店章及地址 Where Purchased and Address : _____

購買日期 Date of Purchase :

_____年 Year _____月 Month_____日 Day

* 未完整填寫或被塗改者無效
* Invalid if not filled in full or if altered in any way.

流水號碼 Serial No : _____

Signature 經銷商蓋章方正式生效