



SCAN QR CODE FOR FULL USER MANUAL

## PSF1 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.

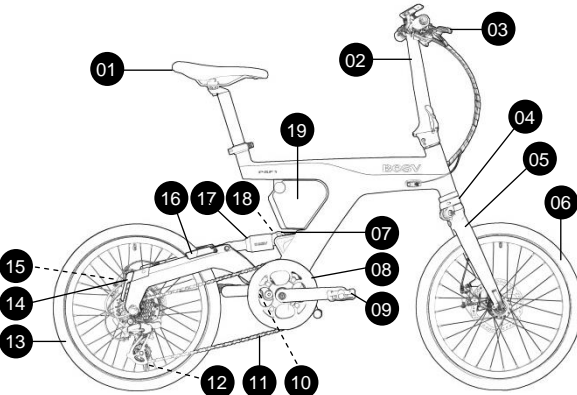
For further information, refer to the full user manual or visit [www.besv.com](http://www.besv.com).



**Note:** This Quick Start Guide is not intended as a comprehensive document.

### Understanding Your BESV E-bike

Refer to the drawings below for a quick overview of your CF1 LINO.



- |                               |                         |
|-------------------------------|-------------------------|
| 01. Saddle                    | 11. Chain               |
| 02. Foldable stem             | 12. Kickstand           |
| 03. Break system              | 13. Rear wheel          |
| 04. Front fork latch & buckle | 14. Front wheel bracket |
| 05. Foldable front fork       | 15. Electric Motor      |
| 06. Front wheel               | 16. Support stand       |
| 07. Rear suspension joint     | 17. Rear suspension     |
| 08. Crank                     | 18. Release pull-pin    |
| 09. Pedal                     | 19. Battery             |
| 10. Shaft pull-pin            |                         |

#### Pedal-Assisted Electric Bike

The pedal-assisted electric bike provides assistance when you are pedaling. The sensor located on the pedal crank bearing detects how hard that you pedal the bike and determines how much power the motor should provide to give you a ride. The electric motor is turned off as soon as you stop pedaling. At the maximum aided speed, the motor starts to reduce its power output until the aided pedals are turned off. For example, the maximum aided speed is 25 km/hr (15.5 mph) in European countries. You may ride faster than this maximum aided speed if you turn off the assisted pedaling function.

#### Important Safety Information

The e-bike does not intend to limit the stature, perception, and mental ability of specific person. However, a child under 14 years old is not suitable to ride the e-bike. The gross weight of e-bike, including the weight of rider, accessories and luggage, is allowed 95 kg (209 lb). Do not exceed the allowable gross weight by carrying people or goods. BESV e-bike is not allowed to operate as tractors or pull another bike with the connection system.

#### Adjust the Saddle and check the operation of Brake System

The seat post must be embedded into the seat tube for 10 cm (3.9 inch) at least. Then adjust the saddle within the marked maximum range based on personal requirements. Before riding, please test the brake regularly. Apply two fingers to check the brake levers. Pull the brake lever to the handle to confirm its normal braking force. Make sure no knot nor cracks on the brake cables. Adjust the position of brake levers so that you can grip it with your hands.

#### High Pressure Cleaning Equipment

Do not apply a high pressure cleaner to clean the e-bike. Water jetted from a high pressure cleaner may cause damages on the surface of tires or wheels which is invisible outside. It may also flow into the bearing or damage the electric part of the power controller system. The damaged components may fail unexpectedly.

#### Battery Precautions

- Please comply with the following instructions to guarantee a long battery life.
- Ideally, the battery shall be charged at ambient temperature of 20°C (68°F).
  - Avoid full discharge frequently, it will cause irreversible damage and capacity loss for the battery.
  - If the battery is not used for a long time, it must be fully charge once every 3 months at least.
  - Do not expose the battery with storage temperatures below -20°C (-4°F) or above 60°C (140°F).
  - Do not expose the battery to temperature fluctuations; ideal storage temperatures are between 10°C (50°F) and 25°C (77°F).
  - Protect the battery from moisture to prevent corrosion of surrounding electrical contacts, and store the battery in a dry place.
  - Do not store batteries near flammable materials.

#### Charging Precautions.

- Applying other charger which is not offered by the product may cause battery overheating or explosion.
- Before connecting power cable, remove foreign matters at the charger port, such as dust, ice and snow.
- Do not use the charger when the ambient temperature is below -10°C (14°F) or above 40°C (104°F).
- Do not use the battery with a damaged case.
- Please ensure no flammable material near the battery when charging.
- Do not charge the battery on a carpeted floor.
- Do not cover the battery and charger during charging.
- In case of no charging requirement, please unplug the charger for power saving.
- If the battery dissipates a strong odor or distorts the appearance, please stop using the battery.

### Turning on Your BESV E-bike

Make sure the battery is installed properly before turning on the power.

**Note:** In order to save the battery power, the BESV HMI will automatically turn off after the e-bike has been idle for more than 3 minutes.



Insert the key and turn the key counter-clockwise to the “OPEN” position to install the battery into your e-bike.



After installing the battery, turn key to the “OFF” position. Then the battery will be locked and the e-bike is still off.



Turn the key to the “ON” position to turn on the e-bike.

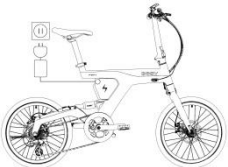
### Charging the Battery

The battery in your BESV e-bike can be charged in two ways.

**Note:** Before you ride your e-bike for the first time, charge the battery for at least 5.5 hours, until the battery is fully charged.



Option 1:  
Remove the battery and charge it with the provided charger.



Option 2:  
Charge the battery while it is still in the e-bike with the provided charger.

#### 電動輔助自行車

電動輔助自行車只有在您用力踩踏踏板時，提供幫助。在踏板曲柄軸承上的扭力感應器，會測量你出力是用多少力量，再決定由電動馬達提供多少力量。在你停止踏板時，電動馬達就會關閉。在達到最大輔助速度前，電動馬達的力量會逐漸減少，直到輔助踏板關閉。舉例來說，歐洲國家最大輔助速度是 25 公里/小時 (每小時 15.5 英里)。如果您不使用輔助踏板功能，您可以騎乘的速度大於最大輔助速度。

#### 重要安全資訊

電動輔助自行車並不是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。電動輔助自行車總重包括騎士、配件及行李可允許 95 公斤 (209 磅)。請勿乘載超過可允許的總重。達瑞電動輔助自行車不允許用做牽引拖或使用腳踏車聯結系統拉另一輛腳踏車。

#### 調整坐墊與檢查煞車系統的運轉

調整坐墊的高度及位置，不管任何標示，座桿一定要嵌入至少 10 公分 (3.9 英吋) 的坐管。依據個人需求調整坐墊前後位置，不可超過標示的最大範圍。每次騎乘前，請定期實施煞車測試。用兩隻手指檢查煞車控制桿，拉向手把確認其正常的煞車力量。請確定煞車線沒有打結，檢查煞車線有無裂縫。調整煞車手把可及的範圍。

#### 高壓清洗設備

當清潔電動輔助自行車時，不要使用高壓清洗器。來自高壓清潔器的水射流可能會導致在輪胎或驅動皮帶表面並不可見的損壞，可能流進入軸承或損壞電控系統的電器部件。以這種方式損壞的部件可能會意外失靈，有意外的風險。

#### 電池注意事項

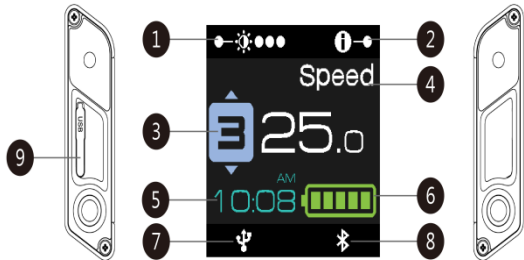
- 請按照下面的說明，以保證較長的電池使用壽命。
- 理想情況下在 20°C (68°F) 室溫下對電池進行充電。
  - 避免經常的完全放電，電池深度放電會造成不可逆的損傷和容量損失。
  - 如您不長時間使用電池，請定期將電池充滿電，並至少每 3 個月一次。
  - 請勿將電池暴露在低於 -20°C (-4°F) 和高於 60°C (140°F) 的儲存溫度。
  - 請勿將電池暴露在溫度波動的環境下，理想的儲存溫度在 10°C (50°F) 至 25°C (77°F)。
  - 保護電池免受受潮，以防周圍電觸點的腐蝕，將電池存放在乾燥的地方。
  - 不要存放電池在易燃物品附近。

#### 充電注意事項

- 使用本產品以外的其他充電器充電可能導致電池過熱或有爆炸的危險。
- 連接充電線之前，去除充電插口中的任何異物，如灰塵、冰或雪。
- 請勿在環境溫度低於 -10°C (14°F) 或高於 40°C (104°F) 時使用充電器。
- 請勿用外殼已損壞的電池。
- 注意到電池散發強烈的氣味或外形改變，請立即停止使用該電池。
- 確保充電時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。
- 請勿在充電過程中覆蓋電池和充電器。
- 如果您不需要充電，請拔下插頭以節省能源。

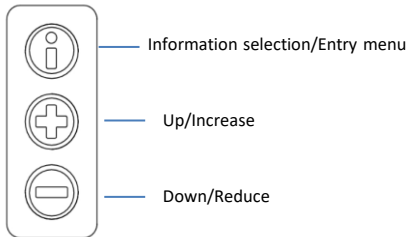
### Understanding the BESV Interface

The BESV Interface is easy-to-use to access important information about your e-bike.



- |                          |                              |
|--------------------------|------------------------------|
| 1. Screen brightness     | 6. Battery Power             |
| 2. Information selection | 7. USB connection sign       |
| 3. Power Mode            | 8. Bluetooth connection sign |
| 4. Riding information    | 9. USB Port                  |
| 5. Time                  |                              |

#### Instrument control button



### Safety Precautions



#### ATTENTION!

For your safety, especially check the joints or parts are locked and secured correctly.

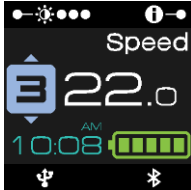
- The front fork latch and buckle
- The lock for the foldable stem
- Rear suspension joint

#### Before riding,

You will also need to double-check the following things.

- All joints, parts, and components must be fastened and not swaying or swinging.
- The quick release of the front wheel must be fastened and fixed in place. Be sure to press the lever firmly towards the spokes to tighten up the quick release. The lever shall be staggered with the fork and the stamped “CLOSED” shall face outwards.
- The front fork buckle must be completely locked, the latch must be totally latched, and the lever of the latch must be closed to lock thoroughly and to prevent any extra push or pull from shaking or moving it. Improper operation or insecure buckle and latch may result in serious injury or death.
- The foldable stem must be correctly and completely locked to prevent any extra push or pull from shaking or moving it. Improper operation or insecure stem may result in serious injury or death.

### Using the E-Bike’s Functions

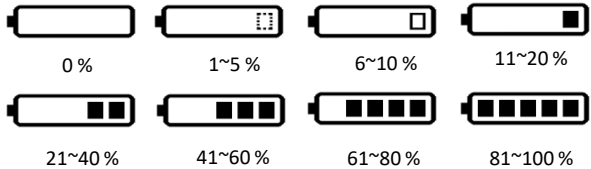


• Enters the main screen which provides riding information including power level, speed, riding distance, battery usage, time, calories burned, cadence, total mileage, remaining distance, etc

• Press the left button to switch the brightness of the instrument screen. There are three segments, please adjust according to the usage situation

• Press the right button to switch between different ride information.

#### Battery level display



• Press the button to enter the message item settings, such as speed (km/h), ride distance (km), calories burned, cadence, total mileage, remaining distance, etc.. Use or to adjust the option, then press the button to set the completion

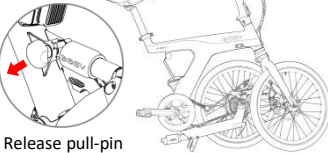
• Press the or button to adjust the power assist mode, including level 1-2-3 and “S” smart mode ; there is also a quick setting of long pressing , which can directly start the “S” smart mode.

Folding your PSF1

**Step 1**  
Adjust the shifter position to the smallest disk of freewheel.

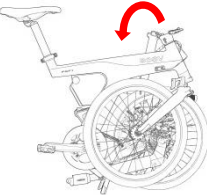


**Step 3**  
Pull the release pull-pin to release the rear suspension joint. Grab and lift the saddle to fold the rear wheel.

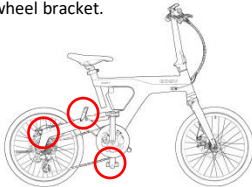


Release pull-pin

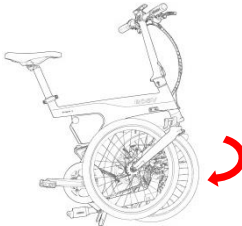
**Step 5**  
Press the bolt of the folding stem clamp to pull down the lever and fold the stem.



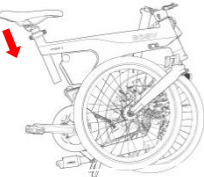
**Step 2**  
Kick up the kickstand, place the left pedal at the six o'clock direction, raise the support stand and open the front wheel bracket.



**Step 4**  
Unlatch and release the front fork buckle to fold the front fork (refer to **Folding the front fork** for details).

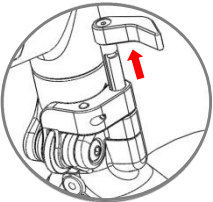
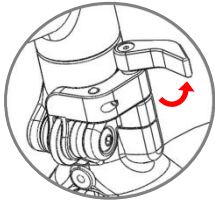


**Step 6**  
Release the saddle post clamp and lower the saddle post. The bike is now in a portable and folded state.

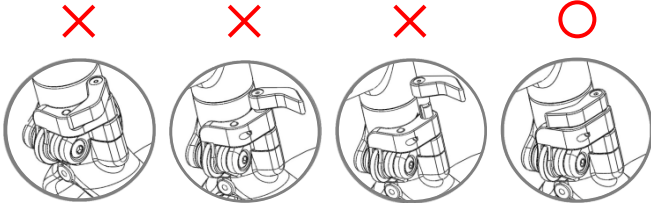
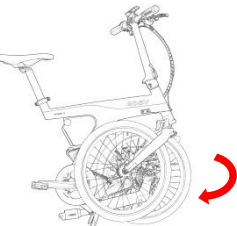
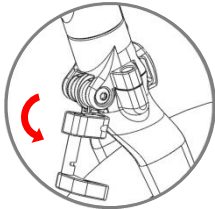


Folding the front fork

- 1. Fully loosen the front fork latch by pushing the lever outwards with your thumb.
- 2. Grip the lever and pull up the latch. You may press your thumb beside the steel ball to exert force.



- 3. Pull the latch outwards and downwards to release the buckle. You may press your thumb on the side to exert force.
- 4. Fold the front wheel and place it on the bracket.

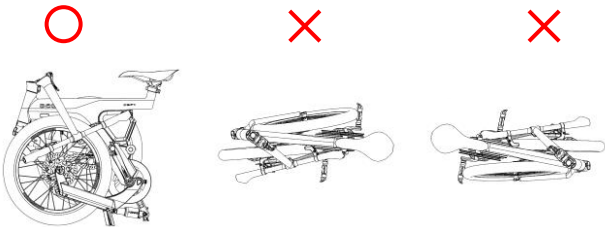


Tying down with the Velcro Strap

A reusable and one-wrap Velcro strap is supplied to fasten the folded PSF1 when you need to carry it or store it in a corner.

The distance between the rear wheel and the frame may slightly increase due to the natural wear of the shaft pull-pin mechanism as time flows. In this circumstance, the PSF1 can still function normally, but it may not stand well after being folded.

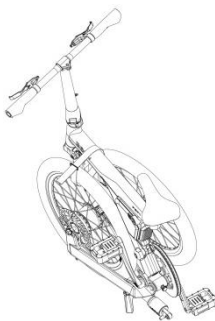
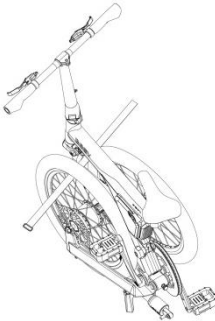
Apply the Velcro strap to the PSF1 in a folded state and place it upright (i.e. 90°) on the ground. Do not place the folded PSF1 sideways; otherwise, it may cause damage to the parts or the frame.



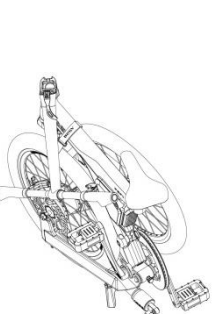
**Note:**  
Be sure to apply the Velcro strap after both the front and rear wheel are folded. The front wheel should lean on the front wheel bracket and the PSF1 must stand upright stably.

How to Apply the Velcro Strap

- Step 1**  
Take out the Velcro strap from the accessory box. Thread it through the rear wheel and below the top tube.
- Step 2**  
Thread the strap through the its buckle.

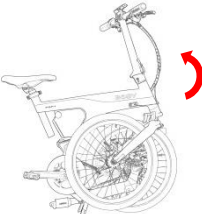


- Step 3**  
Pull tight the strap and press to stick firmly.
- Step 4**  
Fold down the stem. The PSF1 is now portable and easy to stash in a corner.

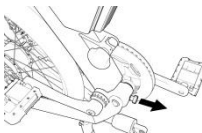


Unfolding your PSF1

**Step 1**  
Straighten the folding stem and fasten it in place by pressing the bolt of the folding stem clamp to pull up the lever.



**Step 3**  
Put one hand on the saddle and pull the shaft pull-pin with the other. Grab and lift the saddle to unfold the rear wheel. The rear suspension must be locked in place (refer to **Locking the rear suspension** for details).

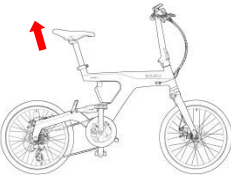


Shaft pull-pin

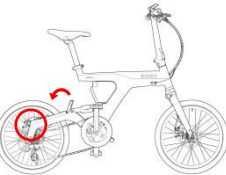
**Step 2**  
Lift the front wheel from the bracket and restore the front wheel. Fasten the front fork by latching and securing the buckle (refer to **Unfolding and locking the front fork** for details).



**Step 4**  
Kick down the kickstand, adjust the saddle height and fix it firmly using the saddle post clamp.

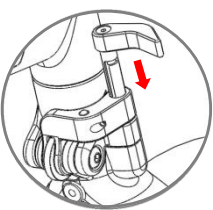
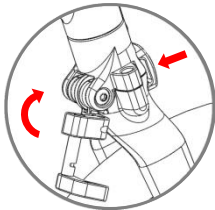


**Step 5**  
Put down the support stand and retract the front wheel bracket. The e-bike is now totally unfolded.

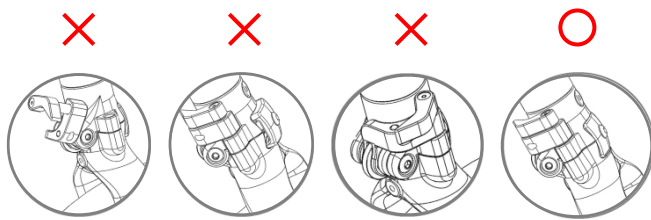
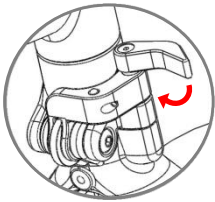


Unfolding and locking the front fork

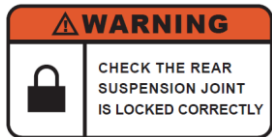
- 1. Grip the lever of the latch and press it upwards and towards the front fork. Push the buckle to buckle the fork if it is not back in place.
- 2. Latch the front fork by pushing down the latch.



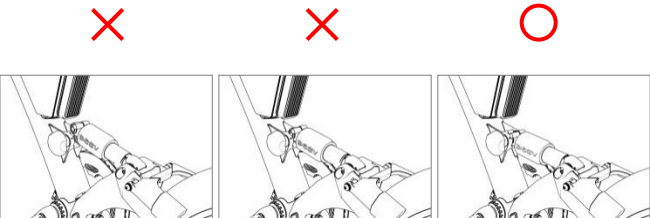
- 3. Push back the lever of the latch to its limit to fully lock the fork.
- 4. The lever is correctly close when the stamped symbols and indicating directions are not visible.



Locking the rear suspension



Be sure to lock the rear suspension completely and correctly. After it is locked in place, it must not be moved by any push or pull. Locking the rear suspension improperly may result in serious injury or death.



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 : \_\_\_\_\_

流水號碼 Serial No : \_\_\_\_\_

