

VALID FOR MY2021 VERSION 2-27-05-2020

# Quick Start Guide

SUBITO



**ARGON 18**

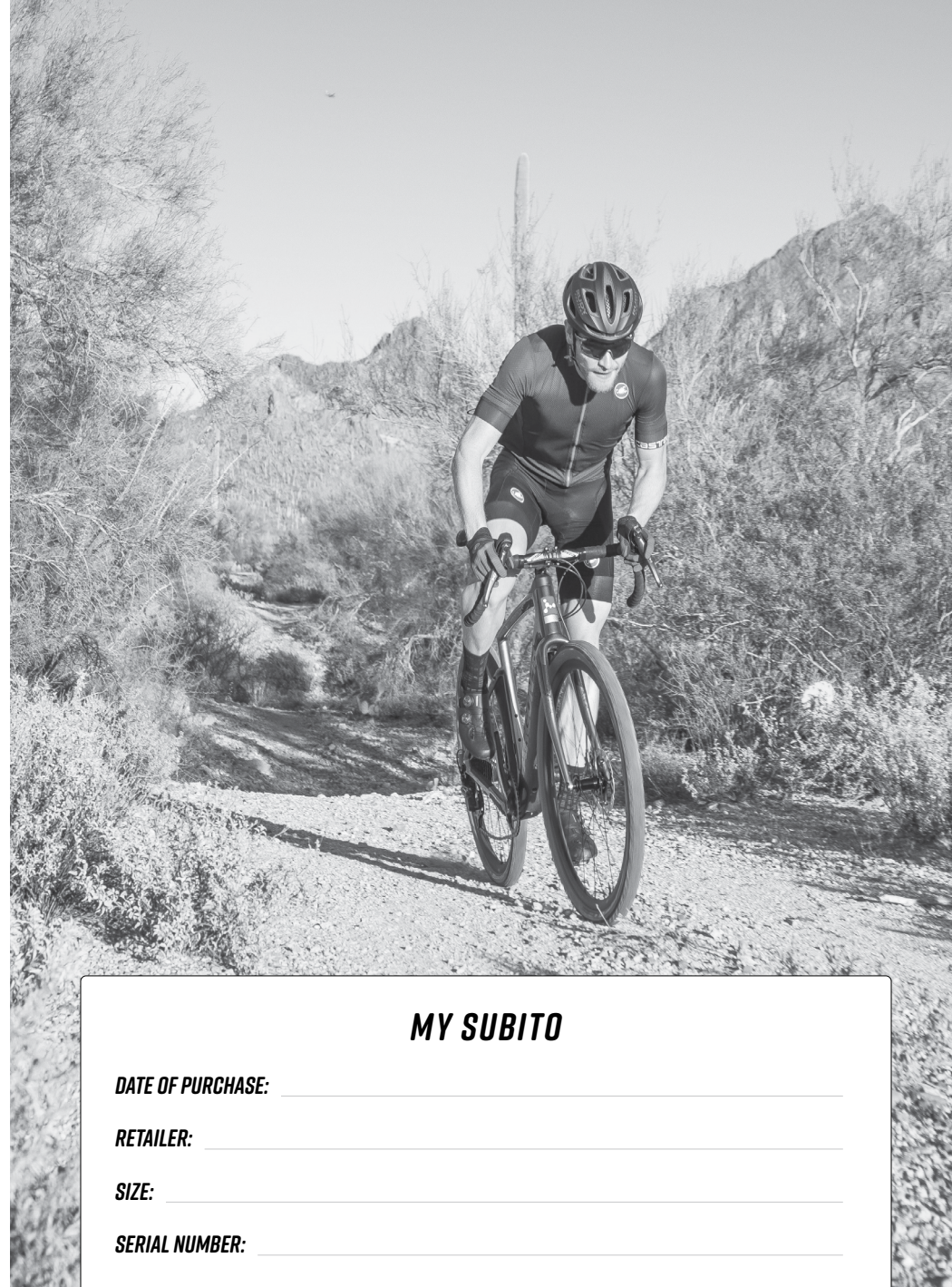


# Nice Choice

Congratulations on your new Subito! We'd like to thank you for choosing Argon 18 – we think you've made a nice choice. Your new Argon 18 Subito offers a lightweight, responsive bike that's a pleasure to ride on all road surfaces, and also offers the added bonus of assistance when you'd like that added push.

Before we get you started, please remember to register your bike at <https://www.argon18.com/en/support/register-your-bike>. Your local retailer can also assist you. You'll receive a confirmation email once your registration is complete, with details on your warranty as well as ways to keep in touch with us, like our newsletter and social channels.

Please feel welcome to contact us with any additional questions about your Subito, or any other Argon 18 product, at [info@argon18.com](mailto:info@argon18.com).



## MY SUBITO

DATE OF PURCHASE: \_\_\_\_\_

RETAILER: \_\_\_\_\_

SIZE: \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

HUB SERIAL NUMBER: \_\_\_\_\_



# Getting to know your Subito



# Getting to know your Subito

## FAST FACTS

Your Subito is built on the **EBIKEMOTION X35+ SYSTEM**, featuring a 36V / 250W hub motor, with assistance up to 25kph in Europe and 32kph in North America. Its 248Wh internal battery can give you upwards of 100km in range depending on the level of assistance and riding conditions. To significantly increase your possible range, a 208Wh range extender can be purchased separately. When depleted, the battery takes approximately 3-4 hours to reach a full charge.

## WHY DID WE CHOOSE EBIKEMOTION?

Ebikemotion offers some of the key performance-oriented features we wanted to be sure we provided in this bike. First of all, we wanted a motor system that doesn't cause resistance when you reach peak speed. For many riders, and in many conditions, it's easy to get up to the maximum assistance speed. With Ebikemotion, riders won't feel any drag or friction from the system once they exceed this speed. Second, we were looking for even weight distribution. With Ebikemotion, the motor is located in the rear hub and the battery in the downtube, so there's no feeling of bulky, centralized weight at the bottom bracket. That makes for a much more natural feeling for the rider. Weight as a whole was a big factor for us – the Ebikemotion system is 3.5kg. Again, it's about performance-oriented ride quality.

**Full technical information on the Ebikemotion system can be found here:**

<https://www.ebikemotion.com/web/download-center/>

# There's an app for that

## WHY DO I NEED THE APP?

The Subito is designed to work without the app, and without needing to use a smartphone. You can start or stop the system, change the assistance levels and check the battery level through the main display button on the toptube (iWoc One). The app simply allows you access to additional features. Using the Ebikemotion app will allow you to see the status of your bike, such as your battery charge level and ride history, and diagnose any problems with the system. It also allows you to record your activities, access maps and other navigation tools, and share your ride data, much like a bike computer.

## WHERE DO I DOWNLOAD THE APP?

For iOS: <https://apps.apple.com/us/app/ebikemotion/id1125921821>

For Android: <https://play.google.com/store/apps/details?id=es.usal.bisite.ebikemotion>



# There's an app for that

## HOW DO I SET UP MY ACCOUNT?

The first time you use the app you will have to create an account. Enter your name, email, and create a password. You will receive an email to confirm your account activation. Once your account has been activated, log in to the app and connect your Subito using Bluetooth:

1. Make sure that Bluetooth is active on your smartphone.
2. Activate the Subito and open the Ebikemotion app on your phone.
3. Go to "settings" on the app, and check that "EBM compatible" has been selected.

When using the app on iOS the bike should connect automatically. Check that the correct Subito has been connected, since the system will connect to the first bike available with an Ebikemotion system, including non-Argon 18 bikes. When using Android, the bike will need to be paired manually, by selecting "Connect to EBM".

Once the connection has been established you may begin to use your Subito. If you wish to record your activity, select "start activity": you will be able to record GPS data and view other information such as the level of assistance, your speed, a description of the route and much more.

## HOW DO I PAIR THE APP WITH MY GARMIN/BIKE COMPUTER/STRAVA ACCOUNT?

The Ebikemotion app is compatible with many common bike computers. Please see the manufacturer's guidelines for your specific head unit to verify connectivity steps.

To synch with your Strava account, you will need to log into the web version of the Ebikemotion app. The web version can be viewed using a PC or Mac and an internet connection. To log in visit [www.argon18.ebikemotion.com/](http://www.argon18.ebikemotion.com/). Once you have reached the page, you will need to use your app credentials to log in. When using the web version, automatic synchronisation with Strava can be activated. Visit the account details section, and select automatic connection with Strava. You then need to record your activities through the smartphone app in order for your activities to be shared with Strava.

## WHAT ARE SOME OF THE MAIN FEATURES OF THE APP?

As well as providing details about your bike settings, the app offers some features that are common to bike computers, such as:

- navigation
- weather data
- ride data: speed, distance, range information, and sharing
- activity recorder
- GPS
- Downloadable maps for off-line navigation

The app also allows you to customise your riding experience, such as adjusting the percentage of assistance provided at each assistance level.



# Let's Ride

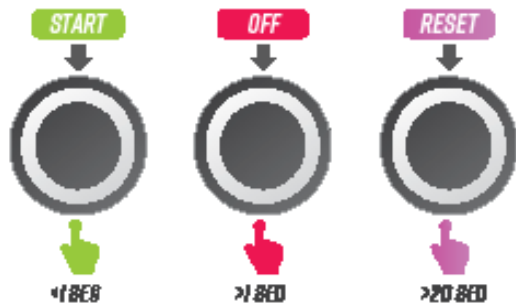
## I'M STARTING MY RIDE. HOW DO I TURN THE SYSTEM ON?

You turn the system on and off, change levels of assistance, and check the battery level all through the same single button on the toptube charging and ignition display button (iWoc One). Each action requires either a 'short-press' of the button (less than one second) or a 'long-press' of the button (approximately three seconds).

To turn the system on, short-press the button once.

To turn it off, long-press the button once.

To completely reset the system, hold the button for 20 seconds.

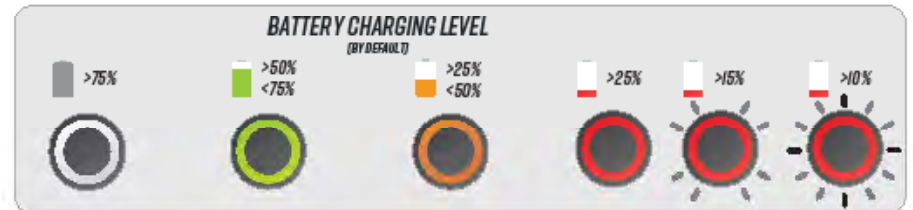


When the system is turned on, it will automatically try to connect to the closest phone with an activated Bluetooth connection. The connection or disconnection is confirmed when the LED lights up briefly in blue. If you receive a notification or call on your phone while connected via Bluetooth, the indicator will light up light blue for a few moments.



## HOW DO I KNOW I'M FULLY CHARGED?

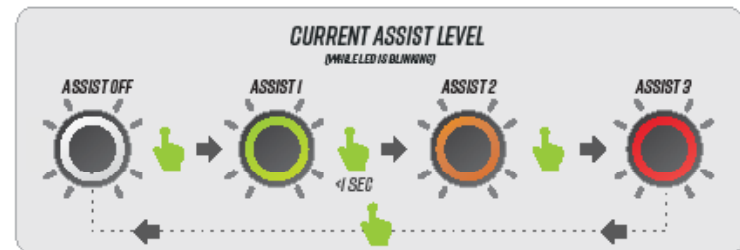
You can find the status of your battery on the app. Or, when you first turn the bike on, the light will indicate the charge level by a solid colour: 75% or more charge is white, 50-75% green, 25-50% orange, and less than 25% red. A blinking red light indicates less than 15% charge, and rapidly blinking red light indicates less than 10%.



When you plug in your bike, connect the charger first to a power outlet and then to the charging port on the bicycle. Be careful to insert the plug correctly: the arrows present on both plug and socket must line up. Once the cable has been connected to the charging socket, we recommend tightening the safety ring. The light on the toptube button will turn on automatically. While charging, the colour of the light will change, indicating the current level of battery charge as indicated above.

## HOW DO I CHANGE ASSISTANCE LEVELS WHILE RIDING?

Assistance levels are indicated by blinking colour: no assistance is white, level one is green, level two orange, and level three red. When you short-press the display button the light will blink, indicating the current assistance mode – for example, if you are currently in assistance level one, it will blink green. If you short-press it again while the light is still blinking, you will increase the assistance mode by one level. If you are already on level three (red), short-pressing while the light is blinking will return you to no assistance (white).



# Understanding Error Messages

## *THERE SEEMS TO BE A PROBLEM...*

A solid or blinking pink light is usually an indicator of an error.



A solid pink light means the bike is in safe mode. Please take it to your nearest authorised Argon 18 retailer to diagnose the problem.

A blinking pink light means there is an error in the system. Connect to the Ebikemotion mobile app while the light is blinking pink, and it should provide you with a detailed description of the error. If the problem is serious, the system may stop providing assistance until the problem is cleared up. Powering down the bike and restarting could help solve the issue. If issue re-occurs, please take your Subito to your nearest authorised Argon 18 retailer to further diagnose the problem.

# Performance Tips

## *HOW DO I BEST CONSERVE BATTERY POWER? CAN YOU PROVIDE SOME RIDING TIPS?*

Choosing the right mode will help you extend your ride. We suggest you vary the mode you use, and switch off assistance when not needed. Use higher modes only when required, on significant climbs, or in strong headwinds. Most road eBikes are tuned for the regular cadence of road cyclists, so maintaining a relatively high rpm can also help with battery life.

If you are looking for continued assistance on longer rides, consider purchasing a range extender, available through your local Argon 18 retailer.

## *DOES PEDALING CHARGE THE BATTERY?*

No, Ebikemotion systems are not regenerative, however, they are very efficient in energy consumption.

# Travel

## **WHAT TRAVEL RESTRICTIONS ARE THERE ON THE BIKE?**

Lithium ion batteries are considered dangerous goods by most airlines and courier companies. Specific regulations vary based on origin location, destination, and airline or courier. To travel by air with the bike, the battery should be shipped separately. Please be sure to contact your courier or airline for full details prior to confirming travel plans.

## **ARE EBIKES ALLOWED IN ALL JURISDICTIONS?**

There are no restrictions on eBikes in Canada. In the US, each state and many cities have different jurisdictional regulations. The Subito is classified as a Class 1 eBike, and associated regulations apply. We encourage you to check local regulations in your destination city to be sure you comply.

# Maintenance and Storage

## **I HAVE A REAR FLAT. HOW DO I CHANGE THE TIRE?**

The Ebikemotion motor is located in the rear hub, so rear tire changes involve a few extra steps. First, power off your bike. You will then need to disconnect the power to the motor. On the non-drive side chain stay, you will find the power cord to the rear wheel, which can be easily unplugged.

The Subito features a bolted axel, so you will need an 8mm Allen key to remove it. Unscrew the nut from the drive side and completely remove it and the washer underneath it. Repeat this on the non-drive side, and while you don't have to completely remove the nut and washer to get the wheel out, you may find it easier to reinstall the wheel if you do so. Remove the wheel as you normally would, and proceed to fix your flat.

To reinstall the wheel, take care with the slotted axel and the disc calipers. As you slot the wheel back in, make sure the power cord on the non-drive side is pointed straight down and doesn't get caught up in the wheel during reinstallation. Also be sure to properly align the disc rotor within the calipers.

Once the wheel is in place, reverse the procedure with the washers and bolts, and reconnect the power cord. You will see small arrows on the power cord cables which should be lined up so that they connect properly.

## **HOW OFTEN DOES MY SUBITO NEED MAINTENANCE?**

We recommend that all bikes be serviced once a year, to make sure they remain in premium form and check that all components are functioning smoothly. Your Subito is no exception. Make sure you take your Subito to an authorised Argon 18 retailer where staff are familiar with eBikes.



# Maintenance and Storage

## **CAN I RIDE IN ANY WEATHER CONDITIONS?**

The Ebikemotion components are designed to be used in poor weather conditions, such as rain and snow, and are protected against splashing, but not against immersion or pressurized water. The bike should be hand-washed without using a hose or pressure washer, and you should avoid even partially submerging the bike.

## **WHAT ABOUT BATTERY MAINTENANCE?**

The battery should be charged at least every three months to preserve the battery life, even if the bike isn't being ridden or the battery is not depleted. It is recommended to let the battery fully deplete from time to time and then recharge completely.

Batteries do degrade over time, and temperature is a key factor in battery longevity. Ideally, charge your battery within a temperature range of 10°C to 40°C. Store the bike within a comparable temperature range, away from direct sunlight.

## **I THINK I HAVE A WARRANTY ISSUE. WHO DO I CONTACT?**

Please contact your local retailer, who will direct you on next steps to get you back on the road as quickly as possible.

# Road Safety

## **WHEN CYCLING, ALWAYS REMEMBER TO OBEY ALL ROAD LAWS AND BE AWARE OF YOUR SURROUNDINGS.**

Some new eBike riders will find they are riding at higher speeds than normal, which can warrant extra precautions. Always be aware of your speed and your distance from other cyclists and road users. If riding in a group, use extra care when advancing through levels of assistance to avoid sudden speed gain. Remember that you may need to brake earlier or stronger than you are used to if you are moving at a higher speed.

In most jurisdictions, riding with a helmet is mandatory. We strongly advise the use of a helmet at all times when cycling, even if not mandatory. The same applies to front and rear lights, which are again often mandatory, and strongly advised even if not mandatory.

JOIN  
THE   
RIDE