

Manual Connect Carrier
Udinummer 870261760Coc97023005321XG



Features Connect Carrier

- Dimensions box: 56 cm wide, 80 cm long and 35 cm high.
- Container capacity: 140 litres.
- Max. wheel width: 85 cm.
- Max. weight in bucket: 50 kg.
- 2-wheel drive (36 volt motors with disc brakes).
- Range \pm 30 km.
- Weight 46kg.
- Ding dong bell.
- Reversing function.
- Digital color display with odometer
- Bike computer.
- Parking brake
- 2 x brake lever (left and right)
- 2nd Brake set
- Lighting
- 2 x battery 36V, 9 amp. (detachable)
- Warranty: parts 1 year / frame 5 years.
- Delivery time: 30 working days after receipt of the wheelchair at Roam.
Installation directly by appointment is also possible.



ROAM Special Cycles B.V.
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1 January 2023



Inleiding

Roam is, in addition to being a manufacturer of the unique and special "bicycles", also a manufacturer of the Connect Carrier for a wide variety of purposes. The Connect Carrier is a new product from Roam. A product that meets the wishes and needs of the user. Because as you know, Roam thinks along with you to fill in your living conditions as pleasantly and practically as possible. Independence of the user is of paramount importance to Roam.

The Connect Carrier is a wheeled transport box that can be attached to any wheelchair and is electrically propelled. No effort needs to be made, because the electric drive ensures that you arrive at your destination completely relaxed and fit. The possibilities of the powered transport box are diverse. The powered transport box can be used for various purposes. Think, for example, of transporting children, doing the shopping and not to forget, taking or walking your four-legged friend, either the family dog or dog housemate.

Roam was founded in 1987 by Theo de Rouw. Theo de Rouw started on his own initiative in the evenings. His goal was: the independence of the limited man. As a result of this objective, three years later the one-man business grew into a full-time job. With the same objective in mind, the company was converted into a V.O.F. in 1997 and follows cooperation with Johanna de Rouw and later also with Johan de Rouw.

The objective of being independent of the limited human being has been maintained over the years and remains relevant for Roam in the future.

Roam now has 12 employees. The company is NEN-EN-ISO 9001:2015 and NEN-EN-ISO 13485 certified and works according to the National Tools Quality Mark. These certificates ensure that Roam delivers quality in all areas, from development and design to delivery and aftercare. Roam continues to think along with you as a user. The Roam products are continuously improved and adapted to the requirements, wishes and needs of you as a user. In 2003, Roam was named the most creative entrepreneur of the year by the Chamber of Commerce (the certificate for this was awarded by the Chamber of Commerce). The Roam approach now enjoys international recognition.



Welcome to the Roam team

We thank you for purchasing our product, the Roam Connect Carrier. With great care, the Roam craftsman has made your Connect Carrier roadworthy. The handing over of the user manual, including the commandments and warnings, has already taken place. You will find a description of how the Connect Carrier should be handled. Please note, the complete manual, including the commandments / warnings must be followed. Roam is not responsible for incorrect use, ignoring the warnings/commandments and not complying with the user manual.

In the event of incorrect or improper use or non-application of the manual, Roam cannot be held liable. In other words, you as a user (commandment) must follow what is described in the user manual. The adventure of freedom and a step towards independence can begin with the Connect Carrier and that means first of all getting acquainted with this beautiful product; follow the user manual. Take the time to experience what the Connect Carrier can do for you as a valuable and independent individual. The Connect Carrier is made to serve you as well as possible with your wishes, needs and use and sometimes modest millimeters play an important role in this. Also for your and other people's safety! Do not hesitate to make your findings known to your dealer or the manufacturer.

We wish you a lot of fun with the Roam Connect Carrier.

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Delivery check

Check that the delivery of the hand bike matches the packing slip. If transport damage is detected upon delivery, please inform your dealer. Roam trusts that the Connect Carrier meets your expectations and wishes you a lot of success and above all a lot of cycling pleasure.

Important

Upon delivery of your Connect Carrier all parts described on the attached CD are tailor made to your wishes. Certain parts need to be readjusted after some time. The best thing to do is making an appointment with your dealer.

Commandments and warnings

Always observe the commandments and warnings below!

In General

1. When purchasing the Connect Carrier, the dealer must provide Roam Special Cycles BV with correct information about the use and application of the Connect Carrier.
2. The dealer/user must inform Roam about the use of the Connect Carrier (transport of children/dog/groceries).
3. Make sure you are well equipped (mobile phone) when using the Connect Carrier.
4. Include your dealer's number in your mobile phone.
5. Make sure you have a good further equipment such as: repair kit tires, small first aid kit, drinking water, some ransom and the identity card.
6. For the Connect Carrier, an insurance is mandatory.
7. Follow the conditions of your insurance, including the security conditions (lock security).
8. Ensure good visibility of the Connect Carrier (at least wear a vest and fly a flag in addition).

No Changes

1. Roam cannot be held liable for incorrect use or incorrect information for the application of the Connect Carrier and the resulting damage, unsafe situations/actions, accidents or incidents.
2. No changes may be made to the Connect Carrier. Roam is not responsible for damage caused to the Connect Carrier by making changes.
3. The speed of our products may not be increased or changed in any way.
4. When changing our product, the manufacturer is in no way responsible, nor liable.

User

1. The Connect Carrier is personal. Only the wheelchair user/user/adult is allowed to use the Connect Carrier.
2. The user is responsible and liable for proper use, as stated in this manual.
3. It is forbidden for unauthorized persons to use the Connect Carrier.
4. It is forbidden to use the Connect Carrier under the influence of alcohol drugs or mind-altering medications.
5. The user may use: the sidewalk, the footpath, the cycle path/ moped path and the roadway. If all road components are present, the user/owner may decide for himself which road is to be taken.
6. It is forbidden to use the motorway or motorway.
7. Follow the traffic rules of the road being used. On the sidewalk, for example, you can drive a maximum of 6 kilometers per hour.
8. Electronic devices, such as mobile phones, navigation systems, tablets or music players, should not be held or used while driving.
9. The same rules apply as when texting, calling or listening to music on the bike. This refers to the website of the Central Government: www.rijksoverheid.nl

Regulations

1. Adhere to the Bicycle Act which applies in the country.

2. Comply with the Bicycle Act that applies abroad (in the country you live) and adapt to the circumstances.
3. For more information, please also visit websites concerned.
4. Comply with the laws and regulations of the central government.

Biking with the Connect Carrier

1. A user/owner must be at least 16 years of age or older to be able to drive the above-mentioned powered products because the speed of these products is more than 10 km per hour.
2. Under the age of 16, the user may only use the Connect Carrier under the guidance of the parent and/or guardian.
3. Before you start cycling, always check whether the adapter under the wheelchair is properly secured.
4. In the case of detachable adapters, the star buttons or quick-release fasteners must be checked to see if they are properly secured.
5. Keep your hands on the wheel and don't get distracted.
6. Take obstacles in the road surface (thresholds) at an appropriate speed.
7. For roads where extra attention is required such as roads: with obstacles, along waterways, equipped with elevations, railway crossings, tram rails or pedestrian crossing and or driving along busy roads etc, must be driven at walking pace.
8. You should always drive at an appropriate speed, depending on the circumstances.

Slopes and brakes

1. In a number of cases, if this manual is not followed correctly, a dangerous situation may arise for the user and passengers of the Connect Carrier with regard to taking slopes.
2. For slopes of 5% or more, the brakes are not calculated. On slopes that are very long or steep, the brakes can run hot and the engine can become overloaded so that defects occur.
3. The preceding point regarding slopes also applies to descents.
4. Note that when descending a slope, the speed increases.
5. Note: On roads where oil, mud, sand or leaves are on the road surface, the braking distance may be longer. This also applies to uneven road surfaces (potholes/holes) and winter conditions.

Curves and angles

1. Right-angled and sharp turns should be taken at an appropriate speed (depending on the user's road and physical abilities) to avoid the risk of tipping over.
2. When using the Connect Carrier in the dark/dark/twilight or adverse weather conditions, lighting should be provided.
3. Wheelchair users wear a signalling vest.

Transport of children, dog and groceries

1. Protect yourself and children/dog against weather conditions on longer journeys. For longer rides with the dog, provide fresh drinking water and secure the dog as described in the manual (link to the eye bolt in the bottom plate and a short leash (against jumping out)).
2. It is forbidden to transport a dog in the Connect Carrier without attaching to the eye bolt in the bottom plate.

3. The leash (dog leash) should be short so that the dog cannot jump out of the Connect Carrier.
4. The transport of children /dog may only take place under the supervision of the adult user (wheelchair-speaking parent / carer).
5. It is forbidden to transport goods that rise above the top edge of the Connect Carrier.
6. It is forbidden to transport goods that exceed the container in length and width

Carrying weight Connect Carrier

1. The maximum carrying weight of the Connect Carrier is up to 40 kg. This carrying weight must never be exceeded.
2. The maximum number of children that can be transported in the Connect Carrier is 2, with a maximum weight of 40 kg.
3. From 0 to 1.5 years, the Maxi Cosi is connected on the Easyfix.
4. Children ha tot it on the bench, which is present in the Connect Carrier.
5. It is forbidden to transport children standing up.
6. Ensure that children's hands and other parts of children's body remain within the box.
7. Children of the above age must wear a safety helmet.
8. Children must wear a 3/5 point belt. Without the use of a 3/5 point belt, children may not be transported.
9. Children must get in and out of the Connect Carrier under the supervision of the parent/guardian.
10. When getting in and out, remember that children do not get stuck behind the belts.
11. Children under 1.5 years of age weighing less than 13 kg may only be transported in the Connect Carrier if there is a Maxi-Cosi Easyfix child seat in the transport container.

Battery

1. Store the battery at a temperature below 25°C The battery must be at least 30% and a maximum of 80% charged.
2. The battery must be charged in the fireproof case.
3. The battery, when not in use, is stored and stored in the fireproof case.
4. Make sure that the battery is not discharged below 30% when in use.
5. Use only original chargers (no fast chargers).
6. Keep an eye on the battery while charging; never charge at night due to fire risk in case of overheating. If a cell of the lithium battery catches fire, the other cells also catch fire.
7. A lithium battery is extremely difficult to extinguish. In case of fire, call the alarm number immediately.
8. A faulty battery can leak and release fumes. Sparks can also occur or the battery can smell strong and become extremely hot. In one of these cases, disconnect the battery.
9. If a device with a lithium ion battery leaks, gets excessively hot, smells strong, produces smoke or produces sparks, it is wrong. If you notice any of the signals mentioned, it is important that you disconnect the device from the charger and move it outside.
10. Make sure you do not place the device near flammable materials and then call the alarm number.
11. Replace damaged chargers.
12. Do not store batteries in direct sunlight.

13. When purchasing the Connect Carrier, the dealer must provide the correct information to ROAM Special Cycles BV about the use and application.

Environment

A defective, leaking, fallen, or deformed battery battery should be replaced immediately. The old battery must be returned to the dealer or to the environmental street of the municipality.

Connecting and disconnecting the Connect Carrier

Connecting of the Connect Carrier under your wheelchair is very easy: You first put the wheelchair on the brake, then you close the lever of the connector on the Carrier (down), and now slide the Connect Carrier with the bearing holder as far as possible into the adapter of your wheelchair.

Now you need to open the lever of the connector on the Connect Carrier (up) so that the bracket falls over the tab of the adapter, then close the trade again. Now the Connect Carrier is docked.

Put the wheelchair off the brake and you can start driving. If there are any ambiguities for you, we refer you to the videos on our website: www.:Roam.nl

Disconnecting

Disconnecting the Connect Carrier is also very easy, first put the wheelchair on the brake, then you have to stop the Connect Carrier, preferably on the handlebars, then open the connector with your other hand and hold up the bracket of the clamp.

Now you can close the lever of the connector again so that the bracket is on the tab. Then slowly slide the Connect Carrier out of the adapter and put it away.

If there are any ambiguities for you, we refer you to the videos on our website: www.:Roam.nl

Brakes

It is vital that you fully understand the operation of your Connect Carrier's braking system. If the braking system is not used correctly, this may result in you losing control of the steering wheel or may lead to serious consequences (accident, serious injuries). The Connect Carrier is equipped with disc brakes. Due to the double action of the disc brakes, the Connect Carrier has a shorter braking distance.

In a number of cases, if the manual is not followed correctly, a dangerous situation may arise for the user and passengers of the Connect Carrier with regard to taking slopes. For slopes of 5% or more, the brakes are not calculated. On slopes that are very long or steep, the brakes can run hot and not work. The latter also applies to taking descents with a slope percentage of 5% and higher.

If, in the opinion of the user, the brakes do not function properly, the dealer should be contacted immediately. The dealer must resolve any defects. It is forbidden to use the Connect Carrier when the braking system does not work in any form.



Note: disc brakes can get hot; contact the dealer immediately if there is any doubt as to whether the brakes are not working correctly. Do not come into contact with the disc brakes, construction or housing.

Enjoy your electric support

Do

1. In bad weather conditions, there is a chance that if the plugs are not properly protected and wiring can be damaged either by short circuit or water.
2. Accelerate with policy and gradually. Avoid maximum pedal assistance at low speed as this puts a high load on your controller and battery and this causes accelerated discharge of your battery and thus a reduction in your range and component life.
3. When you have finished your bike ride, immediately recharge the battery.
4. Battery care: Every battery wears out with time, even when not in use. Therefore, make sure that your battery is always 30-80% charge. Of course, if you cycle regularly, it can't hurt to just charge the battery until you use it again.
5. Please note that your battery is put on the charger for an hour every month to prevent harmful depth discharge.
6. The fireproof case that must be purchased from the Connect Carrier is intended for uploading and storing the battery. For charging, the battery remains in the fireproof case.

Donnot

1. Always charge the battery (accelerated wear of your battery).
2. Overloading the engine by braking and pedaling simultaneously.
3. Overloading the engine by using it in hilly areas or putting a heavier load on the engine for a longer period of time.
4. Leave your system on when you're not using it.
5. Parking your bike on an empty or nearly empty battery.
6. Bicycle parking / storage with the contact still on.
7. Exposing the battery to moisture or too low temperature (<0C) or above (>40 C) temperatures.
8. Battery charging at temperatures below freezing.
9. Dropping the battery due to possible damage to the cells in the battery.
10. Let the electrical parts get too wet (a normal rain shower is no problem).
11. If the bike is always outside and / or has to endure a lot of water, try to shield the parts as well as possible from the rain, such as plugs and motor, display, controller and battery (Tip: use a cover for the bike, e.g. for scooters / cargo bikes).
12. Do not charge the battery without the fireproof case.
13. Store the battery outside the fireproof case.

Warranty period

1 year warranty for electric support.

Maintenance and your professional

Vital parts such as cables, spokes and brakes get a chance to "set" themselves in the start-up period. However, in order to be able to continue driving pleasantly and safely, a large annual turn (1x per year) is necessary. Your professional not only has the tools and experience to set and lubricate hidden rotating parts such as headset and hubs, but his hands, eyes and ears are also able to detect small imperfections in time. Before winter sets in or before a holiday trek, we advise you to have the bike checked. Proper maintenance is also extremely important with regard to the warranty. Please read these warranty provisions carefully later in this booklet!

Maintenance Connect Carrier

1. Clean the Connect Carrier with a dry cloth.
2. In case of serious dirt, clean the Connect Carrier with a soft damp sponge and dry it.
3. Do not spray the Connect Carrier with a high pressure washer.
4. Do not apply chemical cleaning agents (chlorine/bleach/soda) when cleaning the Connect Carrier.
5. Lubricate aluminium and chrome parts with an acid-free petroleum jelly or special grease (ask your dealer).
6. Store the Connect Carrier dry.

Tools intended for dealer/Roam Specialist

For the modest work, a simple set of tools is sufficient. You are already well on your way with a set of wrenches or socket wrenches (8 to 15), Allen wrenches, screwdriver, combination pliers, a can of bicycle oil and of course a tire repair kit. When replacing, make sure that original or equivalent parts are assembled for better operation and because in some cases the warranty will otherwise expire. Ask your Roam dealer for advice!

Checklist

Check regularly

1. Are the brakes working properly?
2. Are the brake pads not worn out?
3. Is the stem not higher than the safety marking indicates?
4. Are all the nuts and bolts secure?
5. Is the tread of the tires not worn out and do they not have weak spots or bumps?
Are the tires on pressure (tire pressure is on the side of the tire)?
6. Is the stem and steering rod tightly attached?
7. Is the lighting working properly and are the batteries of the rear light not in need of replacement?
8. Is the side reflection of the tires clean and therefore clearly visible in the dark?
9. Are the handles still secure?
10. Are the reflectors of the pedals free of dirt and are the pedals still sufficiently stiff?
11. Is the quick release working properly? (there must be no play on it, nor must the quick release be loose).
12. Do the 3/5 point belts work correctly? If in doubt, contact your dealer directly.

Tightening moments intended for dealer/Roam Specialist

Below you will find an overview of recommended tightening moments. We recommend that you tighten the listed parts with a torque wrench based on the values mentioned.

Tightening the parts harder can lead to damage to your bike. It is best to ask your Roam dealer for help and advice for this action.

Steering plug bolt 12-15 Nm

Expander bolt with angled bobbin 20-23 Nm

Hub axle nuts front wheels 20-27 Nm



Guarantee

Roam gives a 5-year warranty against defects in material and finish on the frame. All parts and components manufactured and marketed by Roam have a 1-year warranty. This warranty does not include: tire and parts wear. Roam will repair or replace parts where necessary, provided that an official Roam dealer has agreed to return within the established warranty period. Roam does not guarantee parts that are damaged as a result of incorrect assembly and / or repair by the relevant owner, neglect, accident or incorrect use.

Contact

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Gebruiksaanwijzing

Microprocessor controlled

4-stages

Smart Battery Charger

Gebruikershandleiding

Model: EPL100-42

Leest u deze handleiding goed door en volg de instructies alvorens de oplader te gebruiken.

Land van herkomst: China

In het kort: De oplader is een slimme lader met microprocessor die in 4 stappen de accu laadt.

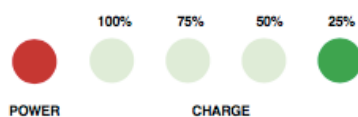
De oplader is voorzien van een 4 kleuren LED die de status van de lader aangeeft.

De oplader is voorzien van beveiliging die de accu beschermt tegen over-laden. Het is veilig om de accu aan te lader te houden, deze zal, zodra vol, vanzelf stoppen met laden.

Het laden in 4 stappen:

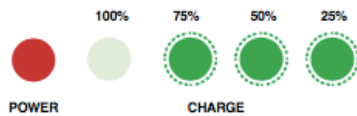
Stap 1: Wanneer de lader merkt dat de accu zeer leeg is zal de lader met een laag amperage laden. Dit zal de levensduur van de accu beschermen.

LEDs:1 aan,2-4 uit)

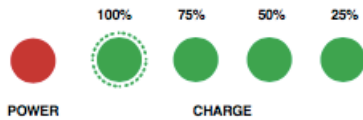


Stap 2: Bulking met hoog amperage tot de accu voor 80% gevuld is.

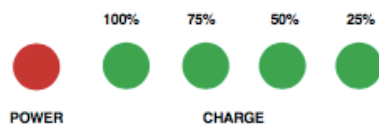
(LEDs:1-4 knipperen achtereenvolgend)



Stap 3: Constante spanning. De uitgaande spanning is gelimiteerd tot 4.2V/cell, terwijl de huidige spanning afbouwt tot de accu vol zit, dit voorkomt oververhitting. **(LEDs:1-3 aan,4 knipperen)**



Stap 4: Afronding. Op dit moment is de accu volledig geladen en zal de lader stoppen met stroom leveren. Hierdoor kan de lader ook aan de accu blijven en hoeft deze niet verwijderd te worden. **(LEDs 1-4 Aan)**



Belangrijke waarschuwing:

Zorg vóór het laden dat de lader en accu hetzelfde voltage hebben.

Specificaties:

- Input: 100-240VAC@50/60Hz 0.5rms
- Output: 2A
- Maximaal voltage: 42V
- Cut-Off current: 200mA
- Oplaadmodus: Volledig automatisch in 4 standen
- Geschikt accu type: 37V
- Oplaadtijd in uren: 2 – 10
- Veiligheid : EN60950-1 EN60335
- EMC: EN55022
- Goedkeuring: UL GS CB CE FCC SAA C-TICK RoHS

Probleemoplossing:

Probleem	Foutindicatie	Mogelijke oorzaak	Oplossing
Oplader werkt niet?	Er branden geen LED's op de oplader	- Geen voeding	- Controleer netstroom en/of stroompunt op spanning
De oplader laadt de accu niet op	De LED indicatoren knipperen tegelijkertijd	<ul style="list-style-type: none"> - Kortsluiting tussen accu en oplader - Plus/Min polen op de accu komen niet overeen met de oplader 	<ul style="list-style-type: none"> - Controleer of er geen kortsluiting ontstaat of is ontstaan. - Controleer of de plus/min polen overeenkomen met de plus/min van de accu
Accu laadt niet op.	4 ledjes lichten niet op.	-Accu geen spanning	Accu is defect, vervang accu

Hoe te gebruiken:

1. Stop de lader in het stopcontact, alle lampjes zullen knipperen en daarna zal deze blijven branden.
2. Verbind de oplader aan de accu via de daarvoor bestemde laadplug.
3. Als alle 4 ledjes groen branden, dan is de accu vol, en kan de lader verwijderd worden.

WAARSCHUWING:

1. Deze lader is geschikt voor het opladen van Lithium ion/LiFePO4 accu's. Gebruik deze niet voor een ander doeleinde.
2. Daar accu's explosieve gassen bevatten is het belangrijk goed te ventileren en deze weg te houden van elke bron van vlammen of vonken.
3. Ter voorkoming van risico of schade aan de plug en de kabel, svp bij het verwijderen dit doen bij de plug, en niet aan de kabel.
4. Gebruik van een onjuist verlengsnoer kan leiden tot brand of een elektrische schok.
5. Gebruik svp de lader niet als je schade ziet aan de lader of de kabel.

6. Probeer niet zelf de lader uit elkaar te halen. Indien deze onderhoud nodig heeft breng dit naar een gecertificeerd bedrijf. Het zelf loshalen kan elektrische schokken veroorzaken.
7. Om elektrische schokken te voorkomen, haal eerst de stekker uit het stopcontact voor u de lader schoonmaakt of onderhoud pleegt op de lader.

Product-Specificatie

06/2018

Product	TFT LCD Display
Type:	APT TFT500C
Verkorte benaming:	500C

1. Product Naam

- ✧ TFT LCD display
- ✧ Model : APT TFT500C

2. Leveranciers

- ✧ Fietsunie B.V.
- ✧ Email : info@fietsunie.nl

3. Elektrische Parameters

- ✧ 2.2inch IPS scherm
- ✧ 24V/36V/48V accu voeding
- ✧ Nominaal vermogen : 40mA
- ✧ Max stroomsterkte : 100mA
- ✧ Gebruikstemperatuur : -20~70°C, Opslag temperatuur : -30~80°C

4. Dimensies & Materiaal

- ✧ Producthoes is ABS, het transparante venster is gemaakt van sterk Acryl.
- ✧ Afmetingen: L 79mm*B40mm*H18mm



5. Eigenschappen

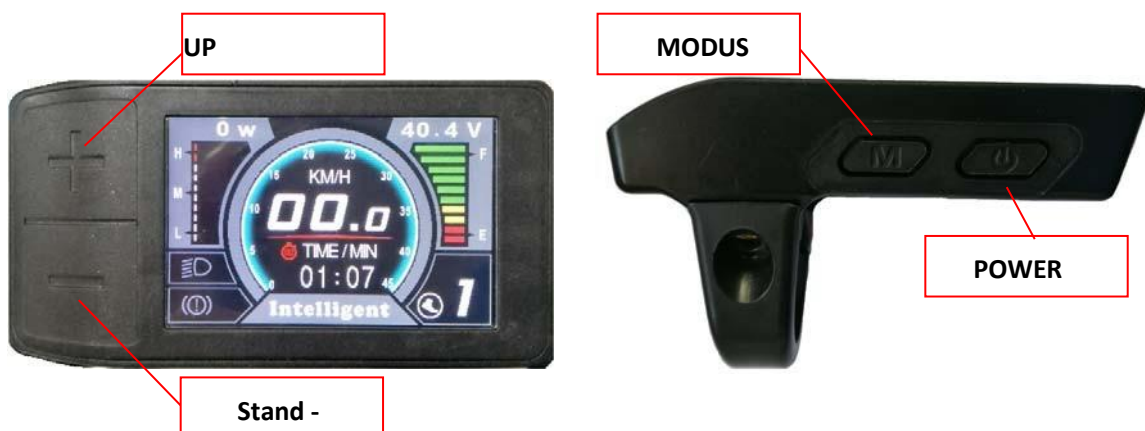
- ✧ Geschikt voor lage temperaturen, Max. -20°C.
- ✧ Hoog-contrast 2.2inch IPS kleuren matrix scherm.
- ✧ Ergonomisch makkelijk te gebruiken bedieningsknoppen

- ◇ **Snelheids display** : Gem.Snelheid, Max-Snelheid, Snelheid(Real-time).
- ◇ **Kilometer / Mile** : Hier kunt u kiezen tussen kilometers of mijlen.
- ◇ **Slimme accu indicatie** : Biedt een betrouwbare accu indicatie.
- ◇ **9-level Assist** : 3-level/5-level/9-level optional.
- ◇ **Rit-eigenschappen** : Odometer/Rit afstand/Rijtijd
- ◇ **Maximale snelheidsindicator**
- ◇ **Fout code indicatie**

6. TFT scherm overzicht



7. Functionele beschrijving



7.1 Power On/Off

Door het indrukken en inhouden van de power knop schakelt u het display uit en aan. Het display gaat vanzelf uit wanneer deze niet gebruikt wordt voor een X aantal minuten. (X kan tussen de 0&9 minuten zijn)

7.2 Mate van ondersteuning

Druk kort op UP/DOWN knop om de mate van ondersteuning aan te passen. Maximale ondersteuning is 9, 0 is geen ondersteuning. De ondersteuning kan tijdens het rijden gewisseld worden tussen 0-9



7.3 Snelheid & afstandsmeter

Het kort drukken op de POWER-knop verandert de weergave. Afstand → Tijd → Tot. afstand → Gem. snelheid → Max snelheid.

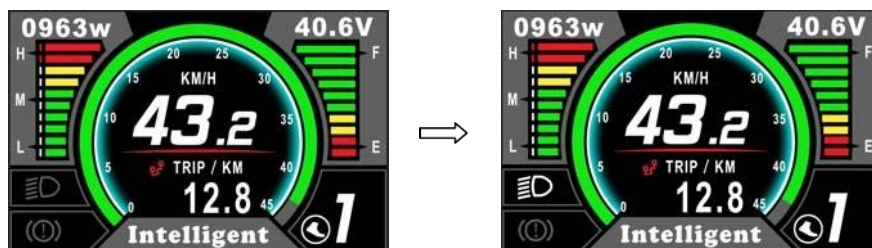


**Als het scherm 5 seconden niet gebruikt wordt, zal het display terug gaan naar het beginscherm.

7.4 Koplamp/Achterlamp Aan/Uit

Het inhouden van de UP-knop zorgt ervoor dat u het licht aan of uit zet.

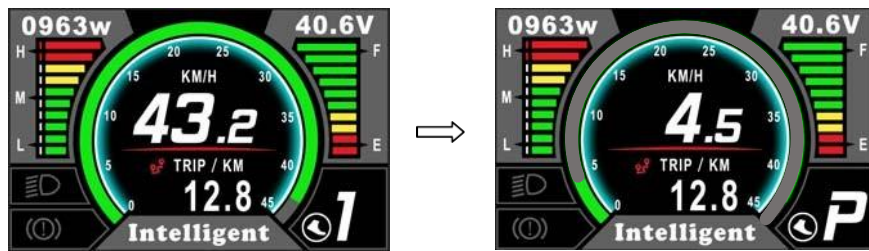
*Wanneer de accu spanning te laag is en de motor niet meer ondersteunt, kan het display aanblijven om de



lampen nog te kunnen bedienen.

7.5 Wandel-modus(6km)

Door het inhouden van de DOWN-knop, zal de loopfunctie geactiveerd worden. Het uitschakelen hiervan gebeurt door het loslaten van de knop.



* Deze functie dient ondersteund te worden door de controller.

7.6 Resetten van de data

Door het inhouden van de UP en- DOWN knop zullen de gemeten data gereset worde. Denk hierbij aan: Gemiddelde snelheid, MAX-snelheid, Ritafstand

* Deze data wordt niet verwijderd bij het uitzetten van het systeem.

8. Instellingen

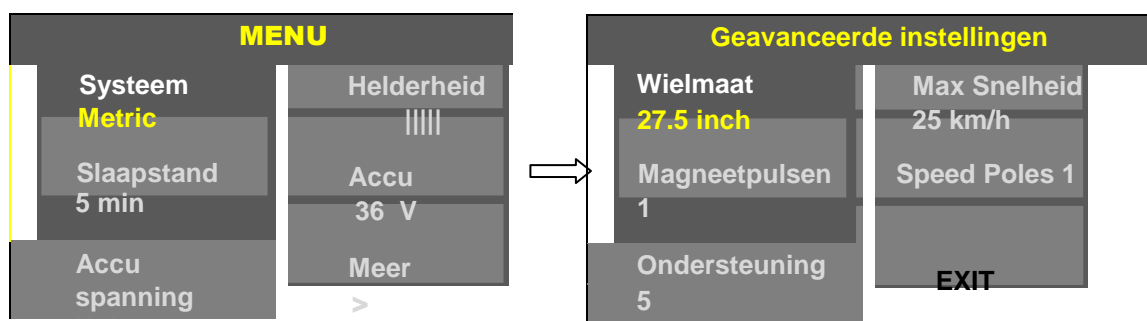
Druk op de M knop (niet langer dan 2 seconden) om in het menu van de instellingen te komen. Druk vervolgens op de UP en DOWN knop om te wisselen tussen de instellingen. Met M gaat u weer naar het volgende item. Wanneer u M weer ingedrukt houdt verlaat u het menu.

* Scherm verlaat automatisch het menu na 30 seconden wanneer er geen activiteit is.

* Voor veiligheidsredenen kan u niet in het menu komen wanneer u aan het fietsen bent.

* Scherm verlaat het menu wanneer u begint met fietsen.

Volgorde van de instellingen zijn als volgt:

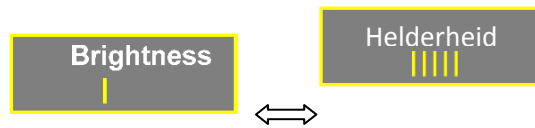


8.1 System : Press Up / Down button to switch between Metric / Imperial.





8.2 Helderheid : Druk op de Up en Down knop om de helderheid te veranderen. I is donker, en IIII is licht.

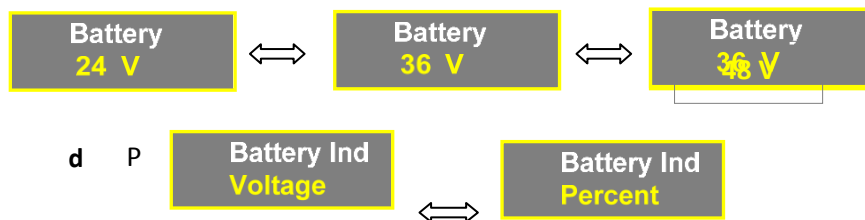


8.3 Slaapstand : Druk op UP&DOWN om de standbytijd te veranderen, van 1 tot 9/UIT. De nummers staan voor het aantal minuten. UIT betekent dat deze functie wordt uitgeschakeld waarbij de standaard tijd van 5 minuten wordt aangehouden.

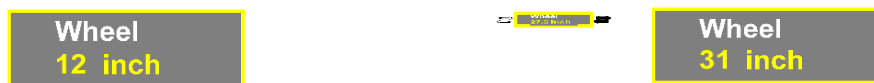


8.4 Battery indicatie: Druk op de UP/DOWN knop om de accu indicatie te veranderen tussen percentage of Voltage.

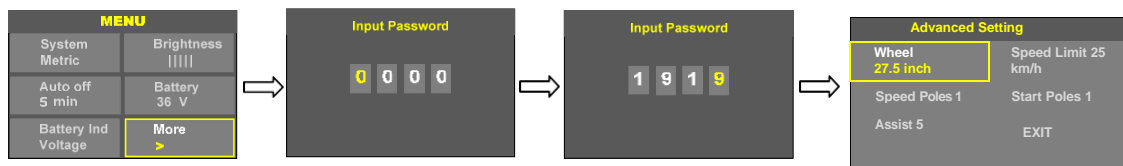
- Communicatie met de accu is nodig voor een correct percentage.



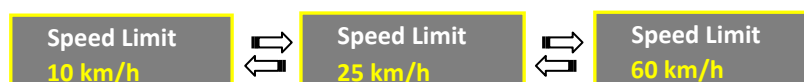
8.5 Wielmaat: Druk op de UP/DOWN knop om de wielmaat te veranderen. De opties zijn: 12-14-16-18-20-22-24-26-27-27.5-28-29-30-31



8.6 Geavanceerde instellingen. Om hier te komen dient u het volgende wachtwoord in te vullen: 1919 óf 0512.



8.7 Snelheid: met UP&DOWN kunt u de max-snelheid instellen tussen de 10 en 60 kilometer per uur. Standaard staat deze op 25 kilometer per uur. Snelheden boven de 25 km/h zijn in de EU niet toegestaan op de openbare weg. Uw motor dient snelheden boven de 25 km/h te kunnen ondersteunen.



8.8 Magneten in motor : Deze optie is niet verstelbaar

Speed Poles 1

8.9 Magneetpulsen nodig om te starten: Deze optie is niet verstelbaar

Start Poles 1

8.10 Ondersteuningsstanden : Deze instelling kan de ondersteuning-standen aanpassen van 1 t/m 9, 1

Assist 3




Assist 5



Assist 9

t/m 5 of 1 t/m 3.

9. Uitleg foutcodes

500C kan een waarschuwingsbericht tonen.,  icoon wordt zichtbaar op het scherm, en laat vervolgens de foutcode zien aan de onderkant van het scherm. De uitleg van deze codes staat hieronder.

Error Code	Error description	Error display
0x01	Normaal	Geen error
0x03	Rem signaal	Geen error
0x04	Throttle on high position	Scherf 04H on LOGO position
0x05	Throttle error	Display 05H on LOGO position
0x06	Lage voltage bescherming	Display 06H on LOGO position
0x07	Hoge voltage bescherming	Display 07H on LOGO position
0x08	Hallsensor van de motor fout	Display 08H on LOGO position
0x09	Motorfase fout	Display 09H on LOGO position
0x10	Regelaar te warm	Display 10H on LOGO position
0x11	Motor te warm	Display 11H on LOGO position
0x12	Stroom sensor fout	Display 12H on LOGO position
0x13	Accu temperatuur sensor fout	Display 13H on LOGO position
0x14	Motor temperatuur sensor fout	Display 14H on LOGO position
0x15	Regelaar temperatuur sensor fout	Display 15H on LOGO position
0x21	Snelheid sensor fout	Display 21H on LOGO position
0x22	BMS communicatie fout	Display 22H on LOGO position
0x23	Koplamp fout	Display 23H on LOGO position
0x24	Koplamp sensor fout	Display 24H on LOGO position
0x25	Kracht sensor fout-Kracht	Display 25H on LOGO position
0x26	Kracht sensor fout-Snelheid	Display 26H on LOGO position



0x30	Communicatie fout	Display 30H on LOGO position
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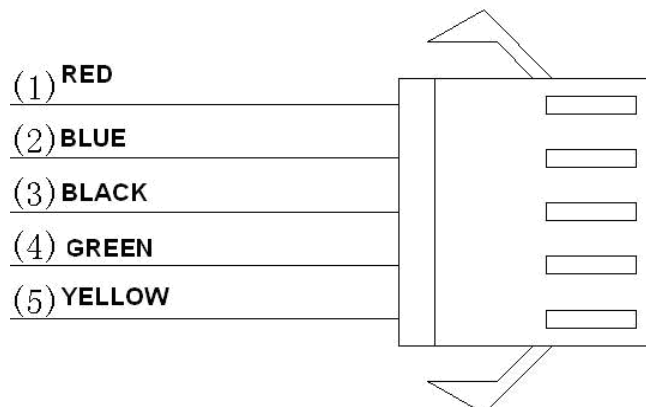
10. Montage instructies



M4*10

Let goed op de juiste maat van de schroevendraaier, en de kracht. Schade veroorzaakt door gebruik van onjuist gereedschap wordt niet gedekt onder garantie.

11. Connector descriptions





- 1、 Rode draad : Anode(24v/36v/48V)
- 2、 Blauwe draad : Stroom draad naar de controller
- 3、 Zwarte draad : GND
- 4、 Groene draad: RxD (controller -> scherm)
- 5、 Gele draad : TxD (scherm -> controller)

12. Instructies ondersteuning

De ondersteuning kan aangepast worden. De hoogste ondersteuning is stand 9. Het meest gebruikte ziet u hieronder.

3 level	5 level	9 level	
0	0	0	Geen ondersteuning
	1	1	
		2	
1	2	3	
		4	
	3	5	
2		6	
	4	7	
		8	
3	5	9	

13. Goedkeuring

CE / IP65 (waterbestendig) / ROHS.



EU-CONFORMITEITSVERKLARING (EU CONFORMITY DECLARATION)

Roam Special Cycles

Buitenkamp 20

5321KB Hedel

E-mail: info@**roam**.nl.

SRN (Single Registration Number): APP000006468

Verklaart dat ondervermeld Roam Product:

Declares that the below stated Roam Product:

Product: (Mention the product)

Connect Carrier

CE Markering: (CE Marking)

CE

Omschrijving Product:

(Describe the product)

- 1. een actief hulpmiddel dat verlichting, verbetering of ondersteuning geeft van lichamelijke immobiliteit handicaps of beperkingen.**
- 2. het verruimen/verbeteren van het zoveel mogelijk zelfstandig functioneren.**

- 1. an active device that provides relief, improvement or support for physical immobility, disabilities or limitations.**
- 2. expanding/improving independent functioning as much as possible.**

Udi-nummer (Unique identification number): **870261760Coc97023005321XG**

Risicoklasse: **1** (conform de classificatie MDR 2017/745 EU).

Risk classification **1**: (according classification MDR 2017745 EU).

Voldoet aan de volgende (wettelijke)Regelgeving:

Comply with the below stated European regulation.

- **MDR (Medical Device Regulation)(2017/745/ EU)**
- **Machinerichtlijn(2006/42/EG) - Machinery Directive**
- **EMC richtlijn(2014/30/EU) - Electric Magnetic Compatability Directive**
- **Laagspanningsrichtlijn(2014/35/EU)- Low voltage Directive**

Datum (Date): **1 January 2023**

Handtekening (Signature):

Roam Special Cycles

Johan de Rouw, Managing Director/JDR