

**Manual Racer Handbike**  
**Udinummer 870261760Rac9700005321XX**



**Features Racer Handbike**

- Sports cranks; no cables on the handles.
- Including adapter (under the wheelchair).
- With folding wheelchair: adapter removable.
- Stainless steel frame.
- Height and length adjustable.
- 24" aluminum rim.
- 27 Gears.
- 2nd brake/Parking brake.
- Coaster brake (disc brake).
- Ergonomic handles.
- Bicycle bell
- Course corrector.
- Very easy to connect by means of. roller system.
- Wedge angle and center of gravity of the wheelchair remain adjustable.
- Bike stand after disconnection
- Relief
- CE marking.
- Weight: ± 8.5 kg.
- Warranty: parts 1 year / frame 5 years.
- Delivery time: 5 working days after receipt of the wheelchair at Roam. Assembly directly by appointment is also possible.



**ROAM** Special Cycles B.V.  
Buitenkamp 20  
5321 KB Hedel  
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Internet: [www.roam.nl](http://www.roam.nl)

1 January 2023



## Introduction

Roam is a manufacturer of unique and special "bicycles" whereby independency of users is priority number one.

The Roam Racer Handbike is available in both junior as well as a senior version and can easily be connected to any wheelchair.

Roam was founded in 1987 by Theo de Rouw, who started doing business - on his own initiative - in the evenings. His goal was: independency of disabled people as much as possible.

As a result of this objective the business grew into a full-time job in less than 3 years. With the same objective in mind, the company was converted into a V.O.F. in 1997 and wife Johanna de Rouw became one of the partners. Later on Johan de Rouw joined the company.

Over the years until now independency of disabled people has still remained the most important keyword for Roam.

The management director is Johan de Rouw and the company has 12 staff members. The company is NEN-EN-ISO 9001:2015 and NEN-EN-ISO 13485 certified and works according to the National Care Standards. These certificates ensure that Roam delivers quality - from development and design to delivery and aftercare- .

Roam is a custom friendly company. Her product range is subject to continuous improvement in relation to regularly compliance and user's wishes and needs.

In 2003, Roam was proclaimed: the most creative entrepreneur of the year by the Chamber of Commerce (the certificate was awarded by the Chamber of Commerce). The Roam approach now enjoys international prestige.



## Welcome to the Roam-team

Thank you for purchasing our product, the Racer Handbike.

With great care, the Roam team has made your Racer Handbike roadworthy. The user manual has already been received and describes how the Racer hand bike should be handled. Please note that the complete manual should be read. Roam is not responsible for incorrect use and ignoring the commandments / warnings. In case of incorrect or improper use of the hand bike or manual Roam cannot be held responsible. In other words, as a user you must follow the commandment described in the Manual.

The adventure of freedom and a step towards independence can begin with the Racer Handbike and that means: first getting acquainted with this beautiful product; follow the user manual. Take your time to experience!

The Racer Handbike is made to serve you as well as possible and we hope we enjoy your bike. Do not hesitate to make your findings known to your dealer or the manufacturer.

We wish you a lot of fun with the Roam Racer Handbike.

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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 Racer Handbike meets your expectations and wishes you a lot of success and above all a lot of cycling pleasure.

## Important

Upon delivery of your Racer Handbike, 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!**

### General

1. When purchasing the Racer Handbike, the dealer must provide the correct information to ROAM Special Cycles BV about the use and application.
2. Before you start cycling, always check whether the adapter under the wheelchair is properly secured. In the case of detachable adapters, the star buttons or quick-release fasteners must be checked to see if they are properly secured.
3. Roam cannot be held liable for defects, damage, unsafe actions or situations, accidents or incidents due to incorrect use, incorrect information or incorrect maintenance or repair.

### No changes

1. No changes may be made to the Racer. Roam is not responsible for damage caused to the Racer by making changes.
2. The speed of our products may not be increased or changed in any way. When changing our product, the manufacturer is in no way responsible or liable.

### User

1. The user of the Racer Handbike should be in good mental health and not be physically restricted in a sitting position.
2. The driver must be able to operate the Racer Handbike properly. The driver's hearing and vision must be suitable for the use of the Racer Handbike. The user should read and understand the manual carefully.
3. If the user is so limited that he/she has vision/hearing problems and/or cannot read and understand the manual, parents/guardians/supervisors are responsible for the application of the manual and the use of the Handbike by the end user.
4. The user is responsible and liable for proper use, as stated in this manual.
5. It is forbidden to use the Racer Handbike under the influence of alcohol / drugs or mind-influencing medication.
6. When biking, make sure you are well equipped (mobile phone).
7. Include your dealer's number in your mobile phone.
8. Provide good further equipment such as: repair kit tires, small first aid kit, and water bottle with drinking water, some ransom and the identity card.
9. When using the Racer Handbike in the dark/dark/twilight or bad weather conditions, lighting should be provided.
10. On longer journeys, protect yourself from bad weather conditions in winter or excessive heat in the summer period.
11. The Racer Handbike is personal. It is forbidden for unauthorized persons to use the Racer Handbike.
12. Only the owner/user is allowed to use the Racer Handbike.

### 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

1. A user/owner must be at least 16 years of age or older to be able to independently 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 must be under the supervision of a parent or guardian when the Handbike Racer is used.
3. 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.
4. It is forbidden to use the motorway. Follow the traffic rules of the road being used. On the sidewalk, for example, you can drive a maximum of 6 kilometers per hour. Electronic devices, such as mobile phones, navigation systems, tablets or music players, should not be held or used while driving.
5. The same rules apply as when texting, calling or listening to music on the bike. This refers to the website of the Central Government.
6. Biking with the Racer. Adjust your speed to the conditions that occur. Think of busy and bad roads, obstacles and roads along water features.
7. Keep your hands on the wheel and don't get distracted.
8. Before shifting gears while driving, the pedals must be kept still.
9. Take obstacles in the road surface (thresholds) at an appropriate speed.
10. The hands should always be held on the handles during biking (with the exception of shifting gears).
11. Do not put the hands in rotating parts.
12. For good visibility in traffic, a flag is flown.
13. To protect the head, a helmet is worn.
14. For maintenance, settings, adjustments, replacement of parts and / or repairs, reference is made to the dealer / Roam specialist.
15. The Roam specialist as well as the dealer is obliged to follow the manual and to apply the recommended tools.
16. 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.
17. Driving should always be done 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 Racer 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. Note that when descending a slope, the speed increases.
4. 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/Angles

Right- and left angled and sharp turns should be taken at an appropriate speed (depending on the circumstances: road and physical capabilities) to avoid the risk of tipping over.

## 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, which is purchased from the Racer.
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 Racer, 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.

### ***Sharp adjustment of the wheelchair***



***Warning: Pay attention when adjusting the wheelchair sharply. If your wheelchair is sharply adjusted, the Racer Handbike does not have as much wheel***



**pressure and the braking distance is many times longer. The user must take this into account!**

## Handbike

### Connecting

Connecting the Racer Handbike under your wheelchair is very easy. First of all, you put the wheelchair on the brakes; then you close the lever of the connector on the Racer Handbike (down) and now slide the Racer Handbike 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 Racer Handbike (up), so that the bracket falls over the tab of the adapter, and then close the trade again. Now the Racer Handbike 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](http://www.:Roam.nl)

### Disconnecting

Disconnecting the Racer Handbike is also very easy. First put the wheelchair on the brake, and then you have to stop the Racer Handbike, preferably grip the handlebars, and 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 Racer Handbike 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](http://www.:Roam.nl)

## Brakes

It is vital that you fully understand the operation of your Racer Hand bike's braking system. Improper use of the braking system may result in loss of control or serious consequences (accident, serious injury).

The Racer Handbike is equipped with a disc brake. If, in the opinion of the user, the brake does not function properly, the dealer should be contacted immediately. The dealer must resolve any defects. It is forbidden to use the Racer Handbike when the braking system is not working in any form whatsoever.

Pay attention:

1. The disc brake can become hot; immediately contact the dealer if there is any doubt or incorrect operation of the brake.
2. Do not touch the disc brake, structure or housing.
3. Always check your brake before riding.

## Gears

The bike comes with 27 gears. The gears can only be used while driving. For shifting while driving, the pedals must be kept still.





**Warning**

Be careful when operating the gears.

Shift gears one gear at a time and reduce the force you exert on the pedals as you shift. If you turn the pedals with force and try to force the shift lever to operate, you may slip off the pedals, flip the bicycle over, and seriously injure yourself.



## 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 major annual turn 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. Make an appointment with your dealer before the service will be executed.

## Maintenance Racer Handbike

1. Clean the Racer Handbike with a dry cloth.
2. In case of serious dirt, clean the Racer Hand bike with a soft damp sponge and dry it.
3. Do not spray the Racer Handbike with a high pressure washer.
4. Do not apply chemical cleaning agents (chlorine/bleach/soda) when cleaning the Racer Handbike.
5. Lubricate aluminium and chrome parts with an acid-free petroleum jelly or special grease (ask your dealer).
6. Store the Racer Handbike 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 stem not higher than the safety marking indicates?
4. Are all the nuts and bolts safe?
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 due for replacement?
8. Is the side reflection of the tires clean and therefore clearly visible in the dark? Are the handles still secure?
9. Are the reflectors of the pedals free of dirt and are the pedals still sufficiently stiff?
10. Is the quick release working properly? (there must be no play on it, nor must the quick release be loose).
11. If in doubt, contact your dealer.

## 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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Internet: [www.roam.nl](http://www.roam.nl)

## 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.

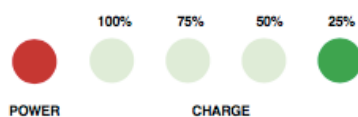
De oplader is voorzien van een 4 kleuren LED die de status van de lader aangeeft.

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:

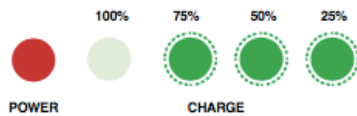
**Stap 1:** Wanneer de lader merkt dat de accu zeer leeg is zal de lader met een laag amperage laden. Dit zal de levensduur van de accu beschermen.

LEDs:1 aan,2-4 uit )

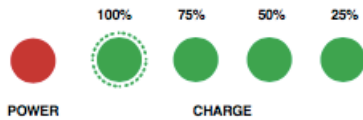


**Stap 2:** Bulking met hoog amperage tot de accu voor 80% gevuld is.

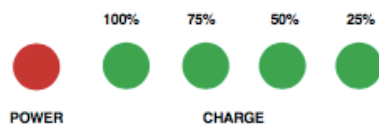
(LEDs:1-4 knipperen achtereenvolgend)



**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:**

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

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<b>Product</b>	TFT LCD Display
<b>Type:</b>	APT TFT500C
<b>Verkorte benaming:</b>	500C

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## 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

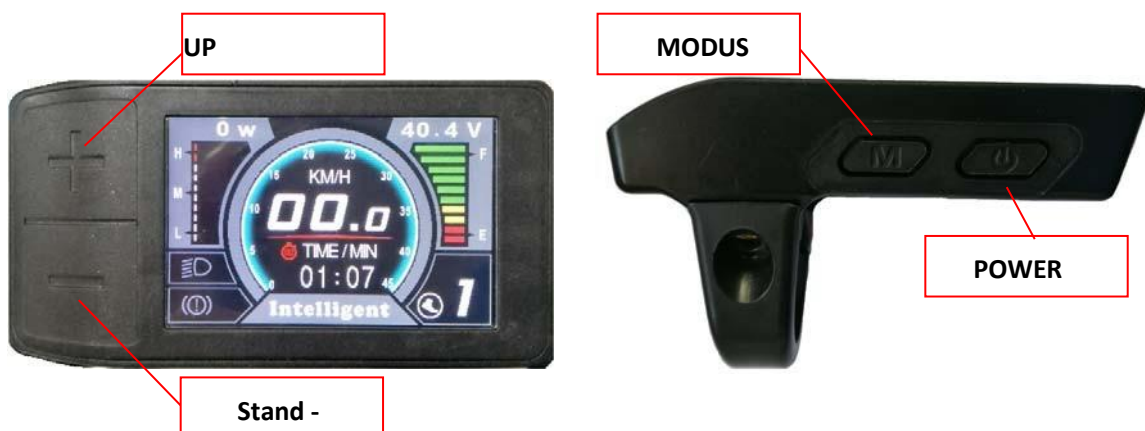
- ✧ Geschikt voor lage temperaturen, Max. -20°C.
- ✧ Hoog-contrast 2.2inch IPS kleuren matrix scherm.
- ✧ Ergonomisch makkelijk te gebruiken bedieningsknoppen

- ◇ **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.

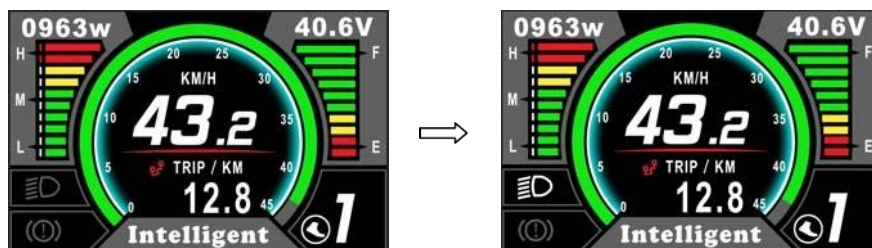


\*\*Als het scherm 5 seconden niet gebruikt wordt, zal het display terug gaan naar het beginscherm.

## 7.4 Koplamp/Achterlamp Aan/Uit

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

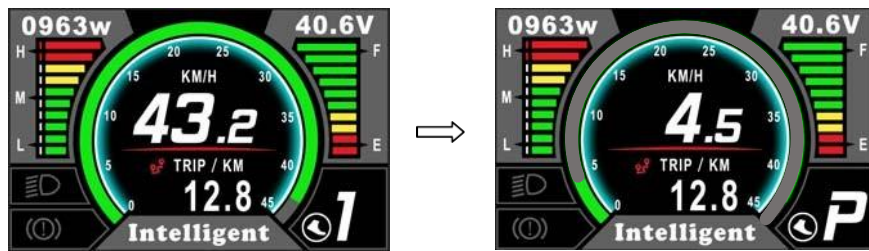
\*Wanneer de accu spanning te laag is en de motor niet meer ondersteunt, kan het display aanblijven om de



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

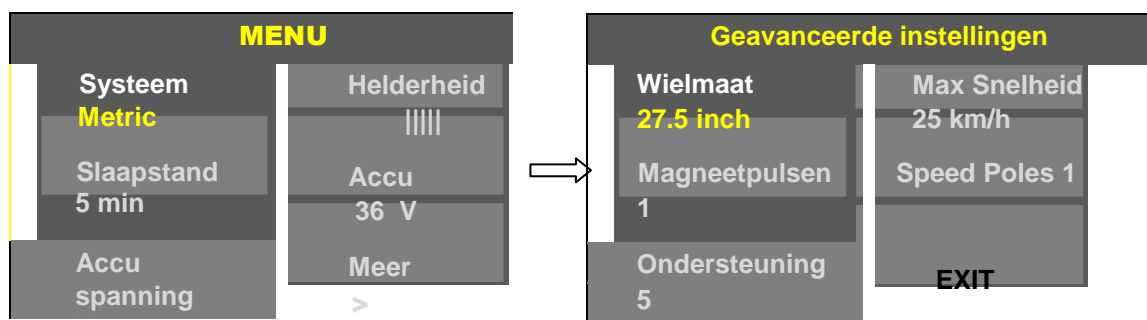
Druk op de M knop (niet langer dan 2 seconden) om in het menu van de instellingen te komen. Druk vervolgens op de UP en DOWN knop om te wisselen tussen de instellingen. Met M gaat u weer naar het volgende item. Wanneer u M weer ingedrukt houdt verlaat u het menu.

\* 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.

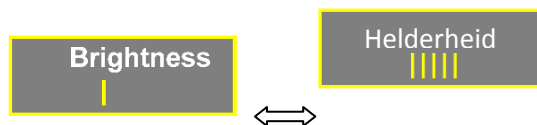
Volgorde van de instellingen zijn als volgt:



**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.

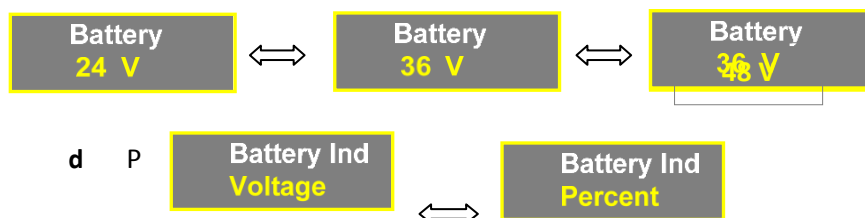


**8.3 Slaapstand :** Druk op UP&DOWN om de standbytijd te veranderen, van 1 tot 9/UIT. De nummers staan voor het aantal minuten. UIT betekent dat deze functie wordt uitgeschakeld waarbij de standaard tijd van 5 minuten wordt aangehouden.



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

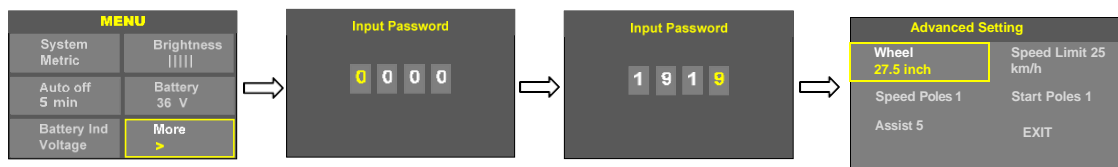
- Communicatie met de accu is nodig voor een correct percentage.



**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 <b>04H</b> on LOGO position
0x05	Throttle error	Display <b>05H</b> on LOGO position
0x06	Lage voltage bescherming	Display <b>06H</b> on LOGO position
0x07	Hoge voltage bescherming	Display <b>07H</b> on LOGO position
0x08	Hallsensor van de motor fout	Display <b>08H</b> on LOGO position
0x09	Motorfase fout	Display <b>09H</b> on LOGO position
0x10	Regelaar te warm	Display <b>10H</b> on LOGO position
0x11	Motor te warm	Display <b>11H</b> on LOGO position
0x12	Stroom sensor fout	Display <b>12H</b> on LOGO position
0x13	Accu temperatuur sensor fout	Display <b>13H</b> on LOGO position
0x14	Motor temperatuur sensor fout	Display <b>14H</b> on LOGO position
0x15	Regelaar temperatuur sensor fout	Display <b>15H</b> on LOGO position
0x21	Snelheid sensor fout	Display <b>21H</b> on LOGO position
0x22	BMS communicatie fout	Display <b>22H</b> on LOGO position
0x23	Koplamp fout	Display <b>23H</b> on LOGO position
0x24	Koplamp sensor fout	Display <b>24H</b> on LOGO position
0x25	Kracht sensor fout-Kracht	Display <b>25H</b> on LOGO position
0x26	Kracht sensor fout-Snelheid	Display <b>26H</b> on LOGO position
0x30	Communicatie fout	Display <b>30H</b> on LOGO position



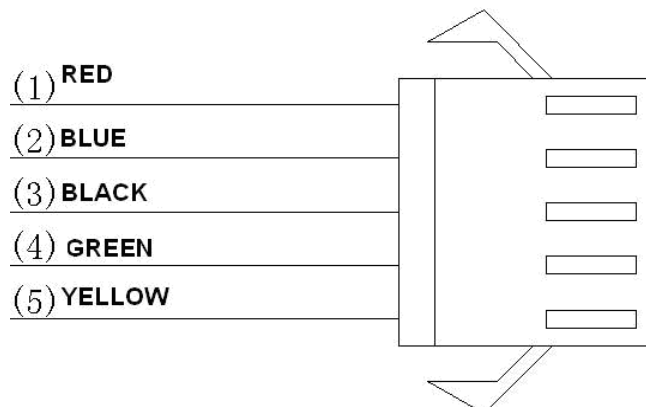
## 10. Montage instructies



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)

**Racer**

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): **870261760Rac9700003XX**

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 januari 2023/ 1 Januar 2023**

Handtekening (Signature):

Roam Special Cycles

Johan de Rouw, Managing Director/JDR