

! Do not clean your e-scooter with alcohol, gasoline, kerosene or other corrosive or volatile solvents as they may damage its exterior and interior structure. Spray via pressurized washer or hose is strictly forbidden. Before cleaning, make sure that this e-scooter is powered off and free of charging and its charging port is tightly sealed. Otherwise, the cleaning process may compromise its electronic elements or cause water into its battery.

! **WARNING!** Please stop operating this product if it is damaged. This e-scooter will be subjected to high stress and normal abrasion during utilization so the relevant components shall be overhauled in a timely manner according to the Manual. Worn or damaged components or those beyond service lives must be replaced in time so as to avoid riding risks.

Daily maintenance:

Check the tire pressure regularly and maintain a proper pressure.

Make sure that both brakes are functioning properly.

Scrutinize the tightness of all screws and nuts.

Wipe this e-scooter surface with a clean cloth so as to prevent water from entering electronic elements.

Battery maintenance:

When charging this e-scooter or leaving it in idle, please turn off its power and avoid full discharge.

When leaving this e-scooter in idle for a long term, please store it in a safe place. Keep its battery capacity above 50% and charge it at least every 3 months. Avoid using and storing its battery at an extreme temperature.

Charge this e-scooter via its original charger and avoid battery damage or fire risks.

Regular overhauling:

Scooter frame, front fork and suspension: Check scooter frame, front fork and suspension components (if any) regularly so as to ensure that there is no damage.

Monthly overhauling is recommended especially when it is rode frequently. Refill a small amount of white lubricant grease or oil into its folding mechanism for maintenance for every 6 months.

Storage:

Please store the vehicle in a flat, stable, well-ventilated and dry venue.

Avoid exposing this e-scooter directly to sunlight or in other excessively humid places for a long term. Keep this e-scooter clean.

WARNING! Please place the vehicle packaging and various components in a rational order, and keep them away from children so as to avoid them from swallowing by mistake.

Brake calibration:

If the braking force is too tight:

Loosen the braking arm nut by wrench, slightly lengthen the brake wire to make its tail shorter, tighten the nut, and then test the brake to confirm the braking force.

If the braking force is weak:

Loosen the braking arm nut by wrench, slightly lengthen the brake wire to make its tail longer, tighten the nut, and then test the brake to confirm the braking force.



Tire inflation:

If tire pressure is low, please inflate the tire via air pump connector. Remove the valve caps on both front and rear tires, then tighten the extended air pump connectors onto the tire valve. After they are tightened, inflate the tires via air pump.



Replace the foot board grip:

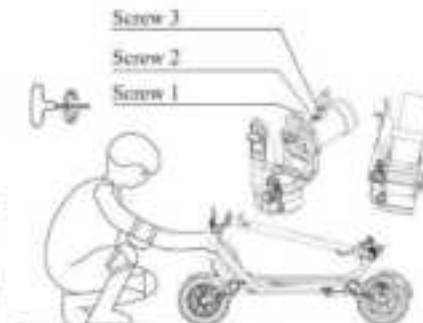
When replacing the pedal leather, just replace it by removing the rubber pad on its surface.



Screw 3

Screw 2

Screw 1



Shaky bracket adjustment:

First of all, check whether the vertical tube screw is loose or not; if it is, tighten it first and then the two folding mechanism screws by hex wrench.

If this e-scooter wobbles due to multiple drops, such problem can be improved by adjusting the above-mentioned screws.

Folding and unfolding



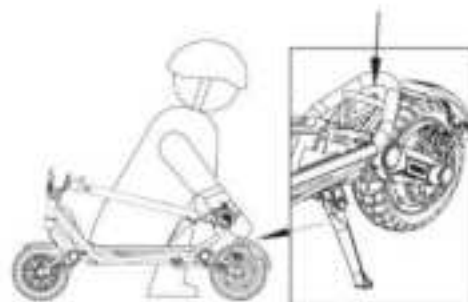
1. Unlatch the three safety buckles, press downward the folding handle, and bring down the upright tube.



2. Hook the folding hook into the tail hook to complete the folding.

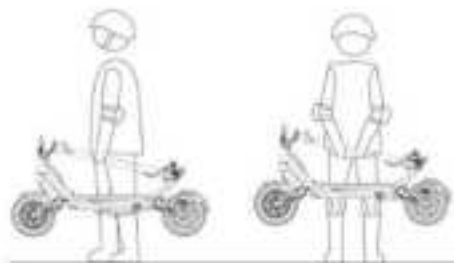


Open the folding latch to fold the scooter front.



Fold the scooter body and hook the hook in place.

Transportation and parking

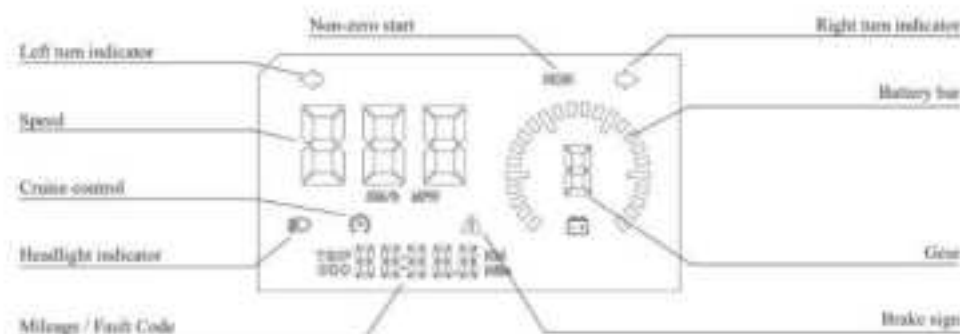
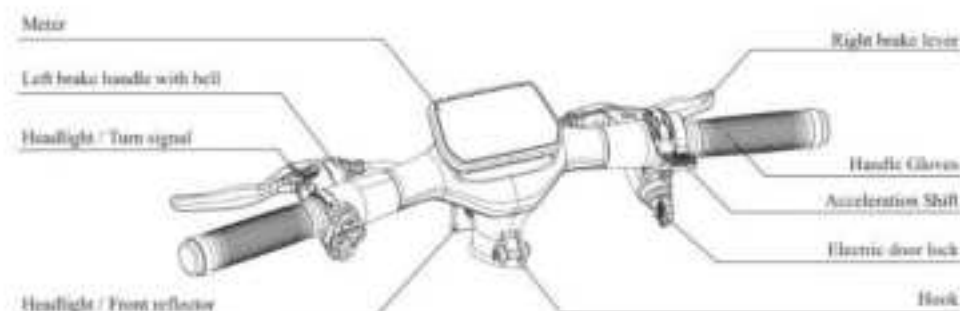


1. Lift the scooter with one or both hands.



2. After riding the scooter, please release the kickstand and park it in the correct place.

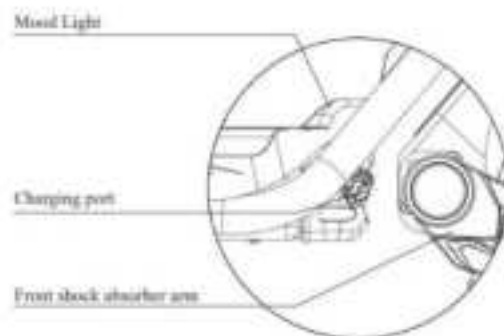
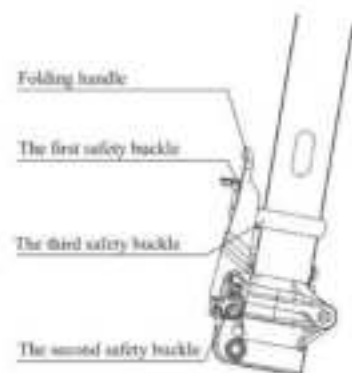
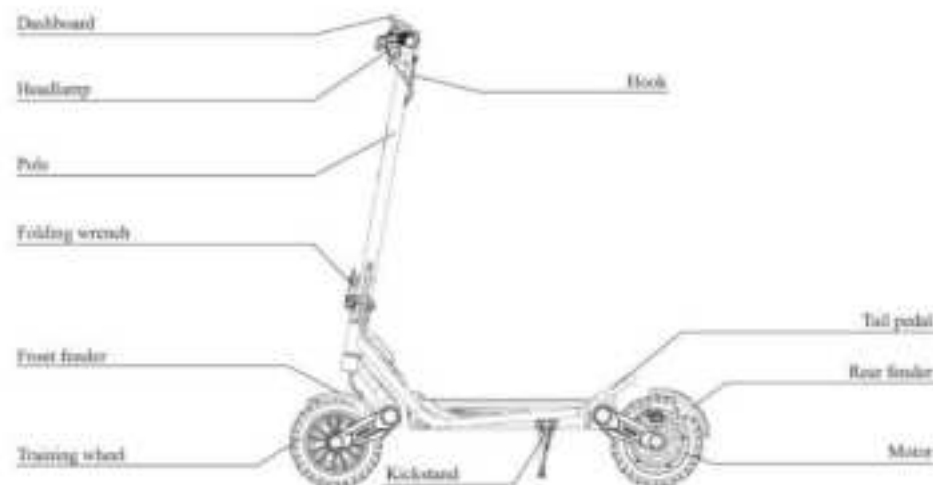
6. Dashboard and switch group



Icons	Names	Meanings
	Headlamp indicator	The icon lights up and indicates that headlamp is on.
	Velocity	The panel indicates the current scooter velocity.
	Brake indicator light	The icon lights up to indicate that the brake status is activated.
	Gear	The panel indicates the current scooter velocity gear.

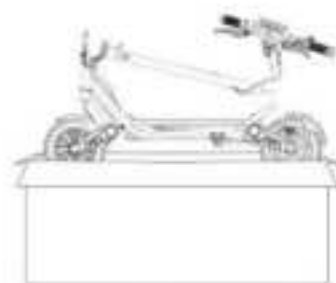
4. Schematic diagrams

Note: Vehicle noise is less than 70 dB.



5. Assembly and operation guide

Unpacking and assembly



1. Open the package and take out the whole scooter and its accessories.



2. Release the kickstand, expand the upright tube and lock the folding handle.



3. But the front connector, insert the front into the upright tube and then lock the screws on both sides.



4. Complete the installation.

1. WARNING

! Both this scooter and all of its components comply with all of the European safety laws and regulations. Nonetheless, we recommend that you should take protective measures and ride it responsibly. KuKirin will not be liable for any problem due to misuse of the product itself or failure in compliance with traffic regulations and the instructions herein.

! It is of great importance for you to have a thorough understanding of your new electric scooter so that you can experience the best performance, comfort, enjoyment and safety while riding. To know this new scooter and its proper operation, you should read through this manual first. The recommended minimum age of riders should be 16 years old; children aging from 0 to 16 years old are not suitable for this scooter, and children above 16 years old should ride this scooter under constant supervision. Maximum rider weight 120kg; the minimum and the maximum rider heights: from 120cm to 200cm.

! It is very important for riders to ride this scooter in a safe and controllable manner for the first time, because the faster the velocity is, the longer the braking distance will be. Please anticipate your trajectory and velocity while observing road rules, sidewalk rules and the most fundamental rules, and take a good care of yourself and others in all circumstances. For example, stay away from vehicles, obstacles and other cyclists while riding this scooter. No rider shall enter highways, motorways or public lanes, reverse their scooters or riding them in the rain. Please slow down and detain when encountering with waterlogged roads. Avoid heavily trafficked areas and cross crosswalks on foot. Please pay special attention to ensure your safety while riding this scooter at night. When approaching pedestrians or cyclists who are not seeing or hearing you, please inform them of your presence in case of either scaring or surprising them.

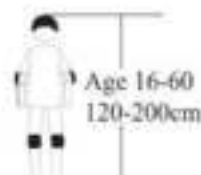
! Scooter belongs to vehicles with certain risks. For the sake of your own safety, please take your health and physical conditions into serious consideration in order to determine if there is any physical or health conditions that may pose a risk to your personal safety or prevent you from riding an e-scooter properly. Do not ride an e-scooter after drinking alcohol, taking drugs or having medicines not suitable for riding e-scooter. Do not ride an e-scooter in any hazardous area with flammable or explosive substances, liquids or dirt. Do not use cellphone or headphones while riding an e-scooter. Any load on the handlebars will compromise the scooter stability. It is necessary for you to know the traffic rules concerning e-scooter riding on local public roads, and you must observe these rules for each of your riding.

! This e-scooter has no basic mandatory equipment upon shipment though such situation may vary among regions. As a result, if planning to ride this e-scooter on public roads, you must equip your e-scooter with basic mandatory equipment in accordance with relevant laws and regulations.

This product is designed for your personal use only. Do not apply it to any commercial or other purposes.

Please preserve this manual well for further reference.

All figures and pictures herein are for reference only. Please refer to the authentic product for details.



! When riding a scooter, please wear protective equipment such as a helmet, knee pads, elbow pads, wrist guards, etc., all the times to reduce the risk of injury.

2. PRECAUTIONS

! Please check the tire pressure before riding this e-scooter; its handlebars should be properly and securely installed. Please make sure that its battery have been fully charged. If its battery capacity becomes low during your riding process, please keep this e-scooter moving slowly and smoothly. Please charge your e-scooter as soon as possible.

! Please check the charger, the cable and the plug before each charging operation. Do not use the charger if there is any damage. The braking distance on a wet road is usually longer than that on a dry road. As a result, riders have to brake as early as possible so as to realize a safer stop.

! Cross protected passageways on foot. Avoid and eliminate all sharp edges arising from riding process. You shall try to avoid riding this e-scooter on a rainy, stormy or snowy day. Damp or flooded electrical modules (Control unit, engine and battery) may be subject to an irreversible damage and even result in battery explosion. This product can only be rode by one adult at one time. Please do not pick up any extra passenger. If you are uncomfortable or subject to alcohol or medicine, please do not ride this e-scooter.

! Please do not conduct any acrobatic performance by this e-scooter because it is not designed for such performance. Do not refit or re-assemble this e-scooter, including its steering tube, bushing, rod, folding mechanism, rear brake, etc. This vehicle is not a toy. As with any other vehicle, this scooter are subject to the probabilities of falling down, colliding or encountering with other dangerous circumstances. Do not lend your e-scooter to anyone without knowing how to ride it properly. If you allow others to ride your e-scooter, it will be is your responsibilities and liabilities to make sure: All of these riders have understood all of its warnings, precautions, instructions and safety precautions; they are able to operate this product in a safe and accountable manner; they can protect themselves and others from harm.

! This e-scooter must be kept away from flammable materials and open flames. Do not ride this e-scooter in the rainy day.

3. Packing list



1. User Manual*1



2. Toolkit and screw accessories



3. Charger*1

! Please scrutinize them in case of any loss or damage. If there is, please contact us without delay.

13. Troubleshooting



Malfunction	Code	Solutions
Motor fail fault	E001	Test the component after replacing the motor. If the fault remains after the motor is replaced, replace the controller and test it again.
Throttle fault	E002	Replace the throttle and try it again.
Controller failure	E003	Replace the controller and try it again.
Brake failure	E004	Check if the white wire of the controller is firm and secure, otherwise, replace the brake handle and test it again.
Under-voltage	E005	The battery capacity is low. Please charge the battery and try it again.
Reception fault	E006	It belongs to a failure in instrument reception; replace the instrument / controller and try it again.
Transmission fault	E007	It belongs to a failure in instrument transmission; replace the instrument / controller and try it again.
High temperature in motor	E008	The motor generates an excessively high temperature; the fault will disappear after it cools down.
Controller over temperature protection	E009	This fault occurs when the controller is in a high temperature state for a long time. Please check whether the controller is fixed and heat-dissipating well.

14. Warranty and client support



Prohibition: Do not adopt any accessory or additional item that are not approved by the manufacturer so as to avoid corresponding problems.

Warranty period:

If this product should fail or be damaged, it can be repaired, replaced or returned free of charge upon confirmation by KuKirin after-sales center. In any of these cases, please contact the product dealer and conduct operation as per instructions. At that time, you need to produce accurate, complete and valid purchase information or invoice.

Customer service:

If component repair or replacement is necessary, please contact our authorized service center or dealer for support.

Warranty coverage:

Warranty contents	Warranty period
Controller, instrument, motor, lithium battery and charger, scooter frame, front body, rear wheel hub, brakes, folding mechanism, telescopic tube, front fork, brake system, throttle dial, etc.	1 year

15. EC compliance declaration



Manufacturer	Jinhua Feima Intelligent Technology Co., Ltd.
Address	No.14, South Moshu Street, Baiyang Street, Wuyi District, Jinhua City, Zhejiang Province, China
Description	Electric dual-wheel scooter, KuKirin
Additional information	A1 Electric Scooter
Declaration	The contents concerning this declaration comply with the requests of the EU directives as follows: Comply with the Machinery Directive (2006/42/EC): EN 17128:2020, EN 60204-1:2018, EN ISO 12100:2010. Comply with the Low Voltage Directive (2014/35/EU): EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021, EN 62233:2008. Comply with the EMC Directive (2014/30/EU): EN IEC 55014-1:2021, EN IEC 55014-2:2021, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021. Comply with the RoHS 2.0 Directive (EU) 2015/863 and (EU)2017/2102: IEC 62321-3-1:2013, IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-6:2013, IEC 62321-7-1:2013, IEC 62321-7-2:2017, IEC 62321-8:2017.
Name	Mark Zhang
Company title	Director
Signature	

- ⚠ Turn the handlebars slowly and tilt their center of gravity when turning to avoid a sharp turn. (See Figure 6 on page 01.)
- ⚠ E-scooter riding is not advisable in a rainy day or flood condition. (See Figure 7 on page 01.)
- ⚠ Avoid over-speeding on speed bumps and other bumpy roads. Slow down and bend your knees slightly to adapt to complicated road conditions better. (See Figure 8 on page 01.)
- ⚠ Be careful not to hit your head when passing through doors or collide with a tall object. (See Figure 9 on page 02.)
- ⚠ Please control your velocity when going downhill. (See Figure 10 on page 02.)
- ⚠ Avoid tires coming in contact with larger obstacles. (See Figure 11 on page 02.)
- ⚠ Avoid carrying heavy loads on the handlebars as it may compromise riding safety. (See Figure 12 on page 02.)

10. Dangerous behavior prohibition

- ⊗ Please observe the local laws and regulations during the riding process. (See Figure 13 on page 02.)
- ⊗ Do not use electronic devices while riding this e-scooter so as to avoid distraction. (See Figure 14 on page 02.)
- ⊗ Please do not ride this e-scooter with only one hand or foot. (See Figure 15 on page 03.)
- ⊗ No rider shall ever ride this e-scooter without holding the handlebars. (See Figure 16 on page 03.)
- ⊗ This e-scooter shall not be charged indoors. Please pay attention to the charging safety. (See Figure 17 on page 03.)
- ⊗ This e-scooter is designed for single person only. Do not pick up passenger or child. (See Figure 18 on page 03.)
- ⊗ Do not ride this e-scooter up or down stairs or attempt to jump over high obstacles. (See Figure 19 on page 03.)
- ⊗ Do not touch the disc brake immediately with your bare hands after riding in case of burns. (See Figure 20 on page 03.)

11. Parameter list

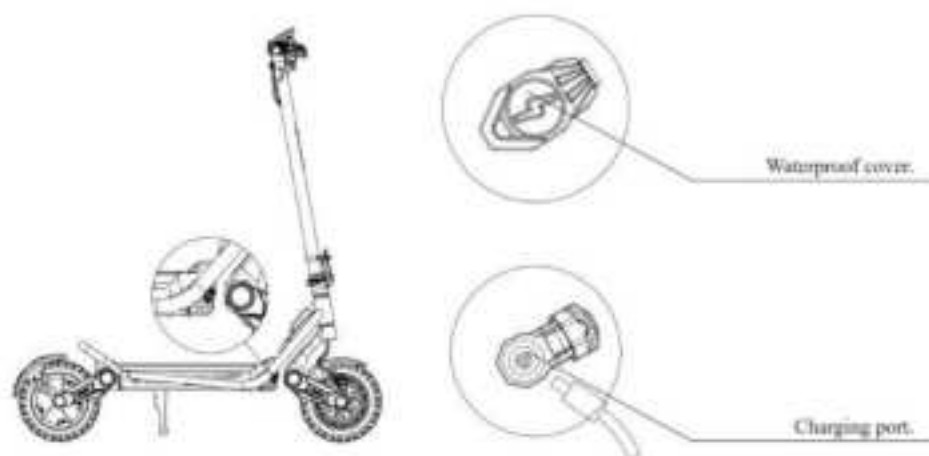
Product name	KuKirin A1	
Dimensions	Folded dimensions	1154*580*1335mm
	Unfolded dimensions	1154*580*1298mm
Parameters	Max velocity	≤ 25km/h
	Endurance mileage at a medium velocity	≤ 45km
	Max slope	≤ 20°
	Shock absorber	Gas filling shock absorption
	Waterproof grade	IPX4
	Brake	Front and rear disc brakes + power-off brakes
	Display contents	Velocity, mileage, battery capacity, headlamp, etc.
	Lamp/light	LED
Motor	Frame materials	Iron frame
	Voltage	48V
	Rated power	800W
Battery data	Peak power	1000W
	Input voltage	100-240V/50-60Hz
	Voltage / capacity	48V/13Ah
Weight	Charging duration	54.6V/2A charger, takes about 7 hours to charge
	Max load	120kg
	Net weight	About 26kg
Tire	Type	Tubeless tires
	Size	10 inch

12. Maintenance and repair

E-scooter cleaning:

Clean the main frame with a soft and damp cloth. For persistent stains, apply toothpaste, scrub them repeatedly with toothbrush and wipe them with a soft and damp cloth.

7. Charging



⚠ **Warm tips:** The charger indicator is red during its charging process, and it will turn green after it is fully charged. Please charge the battery to its maximum capacity before the initial utilization. You are suggested to charge the battery after each use and before it is used up. An excessively low voltage may shorten the service life of battery.

⚠ **Important prompts:** Please only adopt the original charger provided by KuKirin rather than any other charger to charge this scooter. The scooter must be turned off during the charging process. Plug the charger into a power socket range from 100 V to 240 V so as to charge the battery at a room temperature range from 0°C to 35°C.

⚠ Do not burn the battery or expose it to a high temperature, because it may explode. Do not charge the scooter via a charging port, charger or power socket in a humid environment. Once the battery gets damaged or comes into contact with water, do not charge or continue using the battery. A battery under extreme conditions may leak. If the leakage should come into contact with skin, please rinse it immediately with soap water; if the leak should get into eyes, please rinse them immediately with pure water for at least 10 minutes and simultaneously seek for medical aid.

⚠ Do not refit the charger in any way. Prevent the battery away from small metal objects, such as paper clip, coin, key, nail or screws. Avoid swallowing the battery cells by mistake. If they are swallowed, please seek medical aid at once.

⚠ The battery must be embedded at the correct position. If the scooter is in idle for a long time, the battery shall be removed. Please tighten the rubber plug in the charging port when the scooter is not being charged. A scooter under charging shall not be rode.

8. Riding precautions

⚠ **ATTENTION:** Do not exceed the maximum load bearing capacity of the scooter (Please refer to technical specifications).

Footwear requirement: Riders must always wear shoes when riding this e-scooter.

Compliance: Check and observe local regulations concerning e-scooter riding.

⚠ **Driving:**

Insert and rotate the key, then press and hold on to the power button for three seconds to start the e-scooter. Stand on its foot board with one foot in front and the other foot on the ground. Gently push the e-scooter forward and then press the throttle to accelerate. Slow down or stop the e-scooter by brake rod.

⚠ **Braking method:**

Gently pinch the brake rod to slow down the e-scooter gradually so as to avoid a sudden braking. Please start braking in advance because the braking distance will extend in wet and slippery weather conditions. Combine braking and deceleration to control the e-scooter velocity and ensure your safe driving.

⚠ **Avoid obstacles:**

Avoid jumping over those many obstacles, such as curbs or steps in urban traffic conditions. Judge in advance and adjust the moving trajectory and velocity according to the shape, height or slippery degree of obstacle and keep a certain space away from pedestrians when crossing an obstacle. When the obstacle becomes dangerous due to its shape, height or slippery degree, riders are recommended to get off and push the e-scooter around the obstacle.

⚠ **Parking:**

Press the brake rod to gradually slow down and stop the vehicle, then stabilize the vehicle and release the kickstand.

Please turn off the power and remove the key after using the e-scooter.

9. Potential safety risk avoidance

⚠ Wear a helmet and protective equipment to avoid dangers. (See Figure 1 on page 01.)

⚠ Please make sure that all of the display functions on the dashboard are working properly before riding the e-scooter. (See Figure 2 on page 01.)

⚠ When pushing the e-scooter forward, please use the throttle cautiously so as to avoid pressing it down to the bottom. (See Figure 3 on page 01.)

⚠ Keep the e-scooter well balanced during its starting and stopping process, and pay attention to both starting and stopping safety. (See Figure 4 on page 01.)

⚠ Keep yourself well balanced during your riding process, grip the handlebars and speed up in a smooth manner. (See Figure 5 on page 01.)

KUKITIN A1

Indice Italiano 46

* Schème degli avvisi di guida (rimanda pagine 46-59)

- | | |
|--|---|
| 1. AVVISI | 2. AVVERTENZE |
| 3. Lista di Imballaggio | 4. Schema |
| 5. Guida al Montaggio e all'Uso | 6. Strumento e Interruttore Combinato |
| 7. Carica | 8. Punti di Avvertenza di Guida |
| 9. Prevenzione di Potenziali Rischi per la Sicurezza | 10. Divieto di Comportamenti Pericolosi |
| 11. Elenco di Parametri | 12. Manutenzione e Riparazione |
| 13. Risoluzione di Problemi | 14. Garanzia e Assistenza Clienti |
| 15. Dichiarazione di Conformità CE | |

Directorio español 60

* Iconos de advertencia de ciclismo (consulte las páginas 60-73)

- | | |
|--|--|
| 1. ADVERTENCIAS | 2. PRECAUCIONES |
| 3. Lista de embalaje | 4. Diagrama esquemático |
| 5. Guía de montaje y uso | 6. Panel de instrumentos e interruptor combinado |
| 7. Carga | 8. Conducción |
| 9. Evitar posibles riesgos para la seguridad | 10. Prohibición de comportamientos peligrosos |
| 11. Lista de parámetros | 12. Mantenimiento y reparación |
| 13. Solución de problemas | 14. Garantía y asistencia al cliente |
| 15. Declaración de conformidad CE | |

Polski katalog 74

* Ilustracje ostrzegawcze (patrz strony 74-87)

- | | |
|---|--|
| 1. UWAGA | 2. PRZESTROGI |
| 3. Lista pakowania | 4. Schemat |
| 5. Wskazówki dotyczące montażu i użytkowania | 6. Tablica przyrządów i przełączniki zespolone |
| 7. Ładowanie | 8. Sprawy związane z jazdą konną |
| 9. Unikanie potencjalnych zagrożeń bezpieczeństwa | 10. Zakaz niebezpiecznych zachowań |
| 11. Lista parametrów | 12. Utrzymanie i naprawa |
| 13. Rozwiązywanie problemów | 14. Gwarancja i obsługa klienta |
| 15. Deklaracja zgodności EC | |



Figure / Figure / Abbildung / Figure / Figure / Rysunek 1



Figure / Figure / Abbildung / Figure / Figure / Rysunek 2



Figure / Figure / Abbildung / Figure / Figure / Rysunek 3



Figure / Figure / Abbildung / Figure / Figure / Rysunek 4



Figure / Figure / Abbildung / Figure / Figure / Rysunek 5



Figure / Figure / Abbildung / Figure / Figure / Rysunek 6



Figure / Figure / Abbildung / Figure / Figure / Rysunek 7



Figure / Figure / Abbildung / Figure / Figure / Rysunek 8