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Attach the SN Code here

The SN Code of your scooter. Please see P.6 for detailed information. This owner's manual contains important safety, operational and maintenance information. Any person operating or riding as a passenger on your scooter should carefully read and fully understand the entire contents of this manual prior to riding the vehicle. For your safety, follow all safety warnings contained within the owner's manual and the labels applied to your scooter. If you have any questions, please ask your dealer for assistance.

MARNING California Proposition 65

Lithium-ion Batteries and/or products that contain Lithium-ion Batteries can expose you to chemicals including cobalt, lithium, nickel oxide, and nickel, which are known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov.

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General Notice

- Please read this User Manual carefully for proper operation before riding the scooter.
- For your safety, please check whether the parts are in good condition according to this User Manual before riding. Contact your dealer in time in case of any problems.
- Please follow the traffic laws. Slow down on slippery roads in bad weather to allow greater braking distance for your safety.
- Please pay attention to deep water. It may cause rusting or failure of the motor, battery, or other parts if water level reaches wheel axle.
- Do not dismantle the scooter on your own. Please contact your dealer for replacement or purchase of original parts.
- For others' safety and preventing unnecessary damage to your scooter, do not lend your scooter to those who can't operate.
- Please keep the User Manual properly.

Precautions

Rider and Passenger

This scooter is not designed for a ride of more than 2 persons.

Road Conditions

This scooter is not designed for off-road use.

- This User Manual should be deemed as a permanent document of this scooter. If this scooter is transferred to others, this User Manual should also be handed over to the new owner.
- Reproduction or reprint of any part of this User Manual is strictly prohibited.

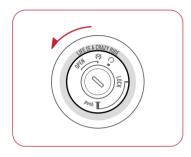
▲ **ATTENTION:** Do not exceed speed limit and apply brakes cautiously. Always use side stand or central stand when parking.

▲ WARNING: Failure to follow the instructions herein may lead to serious casualties, personal injury, or scooter damage.

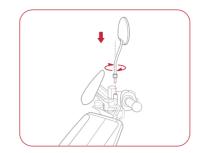
Safety Notice

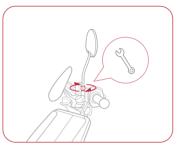
- Using a helmet and protective goggles is strongly advised.
- You are advised to take proper training or exercise before using on open roads.
- Please follow the Operation Guide (P.12) to fully understand how to properly operate the scooter.
- It should be noted that the braking distance in bad weather will be much longer. Please avoid braking on paint markers, manhole covers, and oil stains to prevent slipping. Pay extra attention when riding through railway crossings, junctions, tunnels, and bridges. Slow down if road conditions are unclear.
- Do not use high beam indiscriminately. Continuous use of high beam may disturb the vision of other drivers and pedestrians.
- Do not use mobile phones or other electronic devices which may draw your attention while riding.
- Do not change the lane without signaling. Changing the lane at will is one of the major causes for accidents. When you need to change the lane, remember to switch on the Turn Signal Indicator first. Always check the vehicles approaching from behind before changing the lane.

Installation Guide



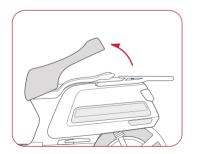
(Step 1) Insert the key to the main lock and turn to the icon of "OPEN" as shown in the left figure.





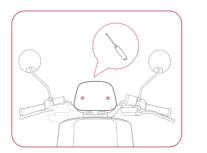
(Step 3) Take out the rearview mirrors and check them carefully. Install the left rearview mirror into the mounting hole on the left brake lever and turn it clockwise. The bolt shall be screwed in for more than 15 mm.

Step 4 Adjust the rearview mirrors to an appropriate position and then tighten nuts on the rearview mirror with a spanner. Properly set the dust cover. Install the right rearview mirror in the same way.



(Step 2) Open the saddle to take out the key box, windshield package (with rubber pads and standard parts), and installation tools.

Insert the key into the keyhole in the rear storage and turn it to open the battery compartment. Take out the charger and rearview mirrors package inside.



(Step 5) Align the windshield rubber part with the windshield holes and then install it.

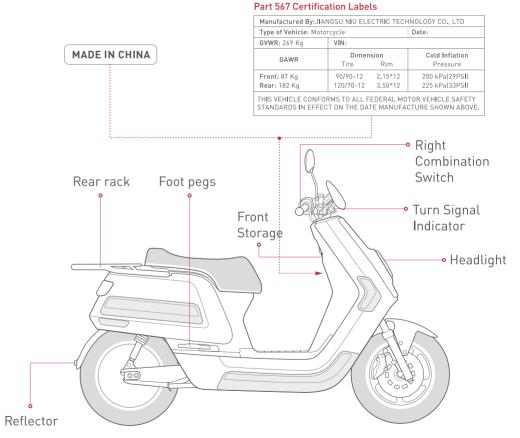


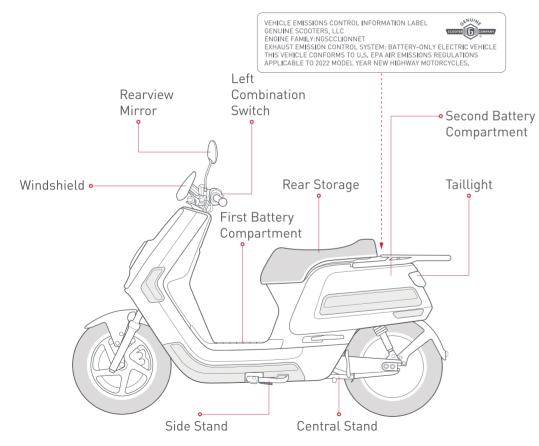
NIU Fleet Platform

Please enjoy more valuable feature in NIU Fleet Platform.

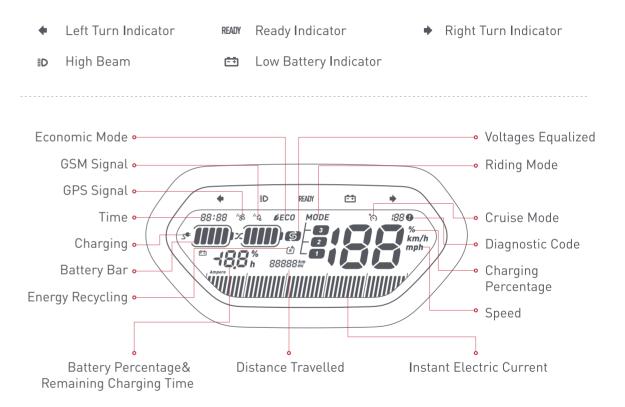
- Step 1 Visit https://fleet.niu.com/en/
- (Step 2) Register a account on platform and add you vehicle into your account with the vehicle SN on the inside of cover page.

Parts Info





Dashboard Display Info

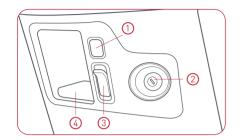


+	Left Turn Indicator	The Left Turn Indicator is on.
+	Right Turn Indicator	The Right Turn Indicator is on.
١D	High Beam	The High Beam is on.
READY	Ready Indicator	In Riding Mode.
Ē	Low Battery Indicator	Battery level less than 10%.
10:00	Time	Now is 10:00
∅ ECO	Economic Mode	Ideal energy consumption status.
"ይ "ታ	GPS Signal GSM Signal	No flashing: Signal strong. Bars are falshing: Signal weak. Entire icon flashing: No signal.
ଜ୍ଞ	Cruise Mode	The scooter is in Cruise Mode.
30 🛛	Diagnostic Code	The Diagnostic Code is 30. Please see the "Troubleshooting List".
	Energy Recycling Status	Energy is being recycled from braking.

Dashboard Display Info

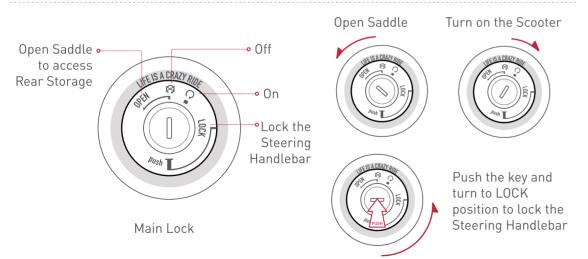
	Battery Bar	Current battery level is 80~89%.
85*	Battery Percentage (Small)	Current battery level is 85%.
- 3,2 h	Remaining Charging Time	The remaining charging time is 3.2 h (using scooter charging port).
Sŧ	Charging	Battery is being charged.
00802 ^{ml}	Distance Travelled	Distance Travelled is 802 miles.
	Instant Electric Current	Indicates instant power output.
MODE SPORT DYNAMIC E-SAVE	Riding Mode	Sport Mode Dynamic Mode Energy Saving Mode
25	Speed	Current speed is 26 mph.
13*	ChargingPercentage (Large)	Currentbatterychargingprogress is 13% (using scooter charging port).

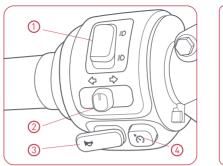
Operation Guide

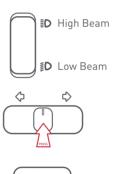


Front Storage Area

- USB Charging Port
- 2 Main Lock
- 3 Hook
- 4 Front Storage









High/Low Beam Light: Press the upper part to switch to high beam; press the lower part to switch to low beam.

Left Combination Switch

1 High/Low Beam Light

② Turn Signal Indicator

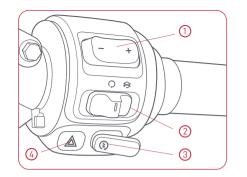
Turn Signal Indicator: Push the button left to turn on the Left Turn Signal Indicator; push the button right to turn on the Right Turn Signal Indicator. Press the button to turn off.





Cruising Mode: Push the button to cruise at current speed. Press again or brake to turn it off.

Overtaking Light Buttom: To signal overtaking with flashing light, the rider may press and release the Overtaking Light Button repeatedly.



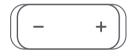
Right Combination Switch

1 Mode Selector

2 Engine Stop Switch

- 3 Start/Stop Button
- 4 Hazard Light Button

Switch down Switch up



Mode Selector: Press right part to switch up the mode. Press left part to switch down the mode.



Engine Stop Switch: Push the switch left to activate motor power,push the switch right to cut off motor power.

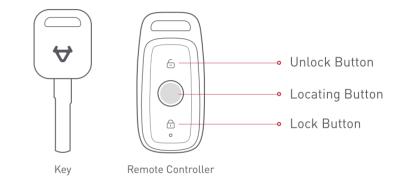


Start/Stop Button: Press and hold the button for 2 seconds to set the scooter in the riding mode. The **READY** indicator on the dashboard will light up and you are ready to go. Press the button again to turn it off.



Hazard Light Button: Press the button to turn on the hazard light.Press the button again to turn it off.

Start the Scooter



- (Step 1) Press the Unlock button of the remote controller. After the Turn Signal Indicators flash twice, the scooter is unlocked.
- Step 2 After the scooter is unlocked, insert the key into the Keyhole and turn clockwise to Q position.
- Step 3 After system diagnostic, hold the brake and press the Start Button for 2 seconds.
- Step 4 The **READY** indicator will light up. Release the brake and the scooter will be ready to go.

Locking Steering Handlebar

Turn the steering handlebar to the left, then push the key inward and turn it anticlockwise to LOCK position.

Locking with Remote Controller

The scooter can only be locked when the scooter is turned off. Press the Lock Button on the Remote Controller within an effective distance to turn on the Alarm. The Turn Signal Indicators will stay on for 2 seconds after the scooter is properly locked.

Locating

Press the Locating Button and the Turn Signal Indicators will flash for 10 seconds. If no further operation during this period, the Alarm will be on for 10 seconds. The Alarm can be cancelled by pressing the Unlock or Lock Button.

Battery Use and Maintenance Guide

Using Environment

In order to prevent possible leakage, overheat, smoking, fire or explosion, please follow these instructions:

- The battery should be used at the temperature of -10°C to 45°C.
- Do not expose to water, beverages or corrosive liquids.
- Keep away from heat source, open fire, inflammable and explosive gases and liquids.
- Please keep metal parts away from the battery compartment.

In case of undesirable odor, overheat or deformation of the battery, please disuse the battery immediately, keep away from the battery and contact your dealer.

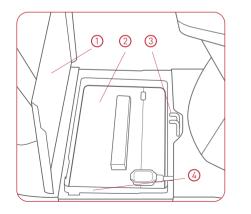
▲ WARNING: The battery is not a repairable part by the user. In case of battery fault, please contact your dealer. Users dismantling the battery may lead to leakage, overheat, smoking, fire or explosion. This will invalidate product warranty.

Charging Environment

The battery should be charged at the temperature of 0°C to 35°C. The charging time should not exceed 24 hours, or it will shorten the battery life. Do not charge the battery outdoors.

▲ **ATTENTION:** Do not charge the battery below 0°C.

WARNING: Using non-original battery chargers may lead to leakage, overheat, smoking, fire or explosion.



① Battery Compartment Cover

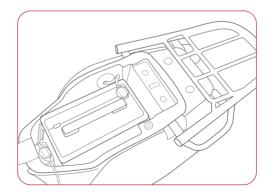
- 2 Battery
- ③ Battery Compartment Lock
- Battery Compartment

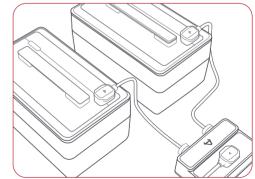
Battery charging instructions

Cargo provides you with two modes of vehicle charging and external charging.

Vehicle charging mode

You can connect the charger to the vehicle charging interface at the rear of the saddle box to charge two Cargo batteries at the same time. Also the charger can be connected to the single battery of the vehicle to charge; Then the charging indicator of the Cargo meter will light up and the charging progress will be displayed.





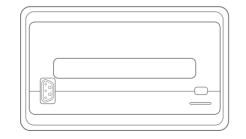
External charging mode

Take out the Cargo batteries, connect the charger separately and charge them externally. The battery indicator will light up during the charging and the charging process will be displayed. When only one battery powers the vehicle, the maximum speed of the vehicle is the speed at the second gear.

Battery indicator light instructions

- In the charging state, the current battery power will be displayed. After the battery is fully charged, all the indicators are always on and no longer flash.
- When in the non-charging state, press the power show button and the indicator will show the battery power in the normal state.
- · If the battery is less than 20%, an indicator will flash threes to remind you to charge.
- \cdot If all the indicators flash , it means that the battery

is being in fault.



∆ WARNING

- All operation should be strictly conform to the user manual. If not, result will be assumed by user.
- Must use original charger.
- Pay attention to the type of battery and applied voltage. Mixture use is forbidden.
- Charging should be in ventilated environment. DO NOT charge in closed space or under high temperature. DO NOT put charger into trunk or tail box while charging.
- While charging, connect battery with charger before connect with electric supply. After fully charged, disconnect the electric supply before unplug the battery plug.
- When the green light turns on, disconnect the power in time.
- Avoid long time connection between charger and AC power supply while not charging.
- While charging, if the signal light is abnormal, has odor, or the charger is over temperature, please stop charging immediately and check or change the charger in time.
- When using and storing the charger, please avoid foreign matter, especially water or other liquid in case of internal short circuit.
- DO NOT bring charger within scooter, if have to, please make sure of damping.
- DO NOT disassemble or change the parts in charger by yourself.

▲ ATTENTION

- If the battery can not be fully charged after 12 hours, please stop charging and contact your dealer.
- To maximize the battery life, please keep the battery percentage within 20% to 80%.
- The battery will lose more capacity in lower temperature conditions. To be more specific, the usable capacity at -10°C is 70%, 85% at 0°C, and 100% at 25°C.
- The best battery capacity performance for storage is 50%. Storing battery with less than 10% or more than 90% over a long period of time will cause irreversible capacity loss to the battery.
- The battery needs to take out from the scooter for storage longer than one week. In this condition, please keep the battery at the temperature of 0°C to 20°C with capacity of 30%-70%. It's advised to have at least one cycle of charge and discharge every 2 months to minimize battery capacity loss during storage.
- If the battery failure is due to misuse or lack of proper maintenance as instructed, its warranty will be invalidated.
- Falling may cause uncontrollable internal damage to the battery and may cause leakage, overheat, smoking, fire or explosion.

DOs and DON'Ts while Riding

Before Riding

Please check the following details before riding.

Check Point	Description
Steering Handlebar	(1) Steadiness (2) Steering flexibility (3) No axial displacement or loosening
Braking	Braking lever has 5 to 9mm idle travel.
Tyres	 The air pressure range of the front tyre is 29 to 36psi; the air pressure range of the rear tyre is 33 to 36psi. Proper tyre tread depth No cracks or openings Minimum load-capacity index: front 23, rear 49. Minimum-speed category: B.
Battery	Adequate for planned distance to travel.
Lights	Check all the lights—High Beam, Low Beam, Brake Light, Turn Signal Indicator, etc.
Horn	Check whether the horn can work.

Braking Precautions

Adjust the scooter upright before applying brakes. If the tyres are locked and the scooter loses steering ability resulting from excessive braking force, loosen the grip on the braking lever and the tyres will be working again and the scooter will be stabilized. Try to maintain a 1:1 ratio of front and rear braking force on slippery roads.

▲ CAUTION: For your safety, do not exceed the speed limit, use the brakes gently to maintain at safe speed while riding downhill.

▲ **ATTENTION:** Inexperienced riders tend to use the rear brake only, which will accelerate the wear of the brake and result in a longer braking distance.

▲ WARNING: Using the front brake or rear brake only is dangerous because of possible grip or control loss. Pay extra attention and use the brakes gently when riding on damp, slippery roads, and around corners. Otherwise, riders will be exposed to great danger.

Reporting Safety Defects

Jiangsu Niu Electric Technology Co., Ltd

No. 387 ChangTing Road, West Taihu Science and Technology Industrial Park ChangZhou City, Jiangsu Province, China People's Republic of China

If you believe that your vehicle has a defect which could cause a crash pr could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Jiangsu Niu Electric Technology Co., Ltd If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Jiangsu Niu Electric Technology Co., Ltd To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to http://nhtsa.safecar.giv; or write to Administrator, NHTSA, 1200 New Jersey Avenue SE, Washington, DC 20590. You can also obtain other information about motor vehicle safety from http://www.safecar.gov

Federal Communications Commission (FCC) Compliance Statement for USA

The Smart Central Controller, the Remote Controller and the Alarm comply with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Smart Central Controller

FCC ID: 2AQ95-NIUU3LTE

MODEL: U3LTE

Remote Controller FCC ID: 2AQ95-NIUD23

MODEL: D23

Alarm

FCC ID: 2AQ95-NIUV8-M1 MODEL: V8-M1

Maintenance and Repair

Users are advised to have the scooter checked and maintained on a regular basis, even for the scooters that are not used for a long time.

Regular Maintenance

Users are advised to have their scooters checked 2 months after purchase or within 600 miles travelled distance. Overall check and maintenance is advised to be conducted every 6 months or 1,800 miles thereafter.

Daily Maintenance

If any problem occurs during checks, please look through the Home Repair Instructions or send the scooter to the dealer's for checks and maintenance.

Scooter Washing

Please always take out the battery before washing the scooter. Please use neutral detergent and water to wash the scooter. Use soft cloth to wipe the scooter after washing to prevent scratching.

▲ ATTENTION

If the scooter is frequently used in overload, high-speed, bumpy or up/downhill riding conditions, the maintenance cycle should be shortened.

For more guaranteed quality and longer service life, please use original parts, which are under normal warranty.

⚠ WARNING

If incapable of repair or adjustment on his/her own, the scooter owner is advised to send the scooter to the dealer's for maintenance and adjustment for the sake of safety. Always choose a smooth surface road for repair and adjustment and unfold the central stand before repair and adjustment. If it's necessary to repair the scooter during a ride, mind the traffic.

A WARNING

Do not use pressure washer to wash the scooter, especially around the battery compartment. Do not flush the rear inner mudguard, where the charger, controller and other parts are installed behind. If the charging port on the scooter is wetted, please do not charge before the charger dries off. Contacting your dealer is recommended.

Short-term Storage

- Keep the scooter in flat, steady, well-ventilated and dry area.
- Charge the battery to 50% full before storage to maximize battery life.
- Avoid exposure under sunlight and rain to reduce damage or aging.

Long-term Storage

- Remember to have a charge and a discharge at least every 2 months and charge the battery to 50% full before storage to maximize battery life.
- Charge the battery to 100% full after long-term storage.
- Check all the parts carefully to make sure that there is no problem before riding it. If there's any problem, take the scooter to your dealer for maintenance or repair.

▲ WARNING: Please disconnect the battery with the scooter during storage.

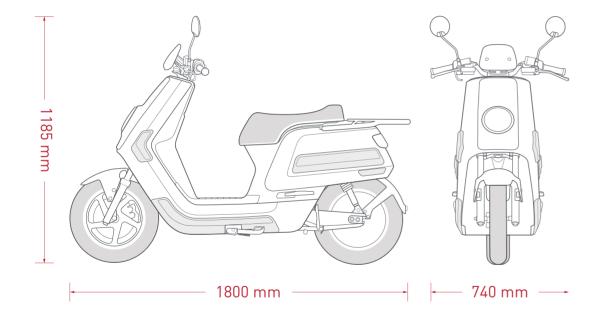
	Troubleshooting List				
Malfunction Description	Causes Troubleshooting				
No output when switched on	1. Dead battery 2. Alarm failure	1. Charge the battery. 2. Contact your dealer for professional checks.			
Motor failure when turning the twist grip after switched on	 Battery level is low The power off switch is enabled when pulling the brake lever The Parking Mode has not been turned off yet 	 Charge the battery. Do not pull the brake lever when twisting the twist grip. Check "Start the Scooter" section of this Manual. 			
Battery charge failure	 The plug of the battery not properly connected with the battery socket Battery is overdischarged 	 Check whether the plug is loosened. Contact your dealer for professional checks. 			
Dropping speed or range	 Low battery level Under-inflation of tyres Frequent braking and overload Battery aging or normal capacity loss Low battery capacity resulting from low temperature 	 Charge the battery. Check the tyre inflation. Develop good riding habits. Replace the battery. Normal situaiton. 			

Troubleshooting List				
Malfunction Description	Causes	Troubleshooting		
	Dead battery	Charge the battery		
Sudden stop during a ride	Identify the fault causes in reference to the Diagnostic Codes on Dashboard. Contact your dealer if the troubleshooting methods listed in this manual is not working.			
00 displayed	Communication failure or Dashboard failure	 Disconnect the battery and reconnect it after 30 seconds. Check whether the wires are loosened. Contact your dealer for professional checks. 		
10 displayed	FOC Controller locked rotor	Stop the scooter and restart later.		
11 displayed	FOC Controller undervoltage/overvoltage	Stop the scooter and restart later.		
12 displayed	FOC Controller overcurrent	Contact your dealer for professional checks.		
13 displayed	FOC Controller overtemperature	Disconnect the battery and cool it down before reuse.		
20 displayed	Motor overtemperature	Stop the scooter and restart when cooled down.		

Troubleshooting List			
Malfunction Description	Causes	Troubleshooting	
30 displayed	Battery overcharged	Turn on the headlight and hazard light to discharge until the code disappear.	
31 displayed	Charging overcurrent	Stop charging the battery and check if the charger is failed.	
32 displayed	Charging at low temperature	Take the battery indoor until back to normal operating temperature.	
60 displayed	SIM card identification failure		
62 displayed	GPS module failure		
63 displayed	GPS antenna short circuit		
64 displayed	GPS antenna open circuit	Contact your dealer for professional	
65 displayed	ECU SN missing/ incorrect	checks.	
67 displayed	SIM card unpaid/inactivated/low signal strength		
99 displayed	Electronic components communication failure		
110 displayed	FOC Controller failure		
111 displayed	1. The scooter is locked 2. FOC Controller verification failure	1. Press unlock button on the Remote. 2.Contact your dealer for professional checks.	

120 displayed	Motor failure	Contact your dealer for professional checks.
130 displayed	Battery overdischarged	Charge the battery.
131 displayed	Over-current discharging	Stop the scooter and restart later.
132 displayed	Battery overtemperature	Stop riding and let battery cool down.
133 displayed	Battery undertemperature	Charge the battery after it reaches the operating temperature range.
140 displayed	Twist grip failure	Please check the wires of the twist grip or contact your dealer for professional checks.
161 displayed	The scooter is locked by remote command	
190 displayed	Controller communication failure	Contact your dealer for professional checks.
191 displayed	BMS communication failure	

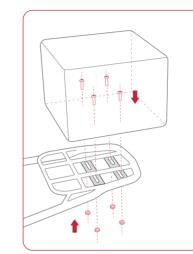
Technical Parameters



		NQi Ca	argo	
	Motor Rated Power	1500W		
	Battery Capacity	60V26Ah*2	60V35Ah*2	
	Max.Speed	45km	n/h	
	Dimension	1800 x 740 x 1185 mm		
Features	Product weight	109	Ŷkg	
	Maximun Load	269kg		
	Number of seating positions	1		
	Range	80-100 km	120-140 km	
	Gradeability	Dynamic: ~13° kg		
	Voltage	60	V	
	Standard Charging Current	44	4	
	Maximun Discharging Current	45 A	50 A	
Electrical	Headlight/Turn Indicator Taillight/Brake Light Meter/Panel	12 V LED		
System	Central Control Unit	12 \	V	
	USB Charging	5 V/1	A	

	Motor	Tailored Motor by Bosch GmbH	
Power	Motor Control Mode	FOC Vector Control	
System	FOC Controller Max.Current	45 A	
	Front/Rear Damper	Oil Damping Direct Acting Shock Absorber	
Front Tyre Specification	90/90-12 Rim:2.15x12		
	Rear Tyre Specification	120/70-12 Rim:3.50x12	
Rear	Front Brake System	Disk Brake	
	Rear Brake System	Disk Brake	
	Minimum Ground Clearance	160mm	
	Seat Height	790mm	

Attachment 1



Installation Instruction

Place the two installation plates underneath the rear box carrier as shown, align the box to be installed with the mounting holes of the installation plates, use screws and nuts to ensure that the installation is secure.

▲ ATTENTION! Max Load: 50 Kg

Warranty information

Please carefully read the instruction manual of your vehicle beforeoperating it in order to make yourself familiar with its handling. We explicitly point out that the instruction, maintenance, and care instructions given in the operating manual have to be complied with in order to sustain your claim towards warranty. Only the strict compliance with customer specifications stated in the instruction manual ensures the prolonging of the natural life of your vehicle. Starting with the date of the invoice a limited warranty of 24 months is granted regarding the accuracy of the vehicle in terms of material and manufacturing according to latest standards. The legal warranty regulations will not be restricted by this limited guarantee. Maintenance work has to be exclusively done by authorized workshops entitled by us. Warranty in general is bound to the region of invoicing and can therefore only be carried out within the country the vehicle was bought. Damages that can be traced back to inappropriate usage, manipulation, or neglecting of the maintenance/care/operating instructions will not be covered by warranty.

Warranty can only be granted if occurring damages are immediately being reported to the seller or any other authorized workshop by the buyer. The warranty claim entitles the buyer to remedy deficiencies or to the reparation respectively the exchange of a damaged part in an authorized workshop after our approval. Compensation for remote or instantaneous damages cannot be granted. Vehicles in desolate condition will not be covered by warranty.

Repair works carried out on warranty do not enlarge the guarantee period. Only this document entitles you to call on warranty services. Therefore please make sure that you are delivered this fully filled in document by the seller and that he has registered your vehicle correctly in our system. Please also mind the following advices.

Body and panelling of the vehicle have to be kept free of dirt constantly. Do not use high pressure water blasters, strong jets of water, sharp and corrosive or other aggressive detergents which could harm surfaces and varnish permanently and foster corrosion. It is vital to use protecting cleansers. Please consult our dealers for the right and appropriate products.

Aluminium parts or other refined parts (chrome parts, anodized parts or other processed surfaces)have to be treated with appropriate maintenance products in order to prevent oxidation. Frame and metal parts are continuously to be treated with anticorrosive. A vehicle constantly parked outside has to be covered to avoid weathering and crack formations on seat and plastic parts. Vehicles used off-road and for racing purposes are excluded from warranty.

Service and maintenance

Important information

The date for the implementation of maintenance that limit is observed, which is reached first. That means driven kilometer or duration from initial startup.

The warranty can be granted only when the vehicle serviced in accordance with this plan and was not exposed to extraordinary stress.

MARNING: Only perform appropriate works which are intended for your vehicle.

Hydraulic lines should be replaced every 4 years.

From 8000 mi or the 2 years, the inspection should take place at least once a year or every 4000 mi.

The vehicle is continuously checked for rust. The vehicle owner is responsible for rust prevention.

On the following pages you will find the maintenance schedule and the service record.

		After the initial 600 mi	Every 1800 mi	Every 3600 mi	6000 mi or Every year	8000 mi or Every 2 years
COMPONENT	PERFORM					
General inspection	I	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Steering and controls	I/E	\checkmark	\checkmark	√	~	~
Steering bearing	I/C/L				\checkmark	√
Electric System	I	\checkmark	\checkmark	\checkmark	\checkmark	✓
Lights and switches	I/E	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Circuit break switch	I	\checkmark	\checkmark	\checkmark	√	✓
Wheel bearing	I/E		\checkmark	E	\checkmark	E
Wheels, Rims	1	\checkmark	\checkmark	\checkmark	√	✓
Tyres	I*				\checkmark	\checkmark
Brake system generally	I/C/E	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Brake fluid				\checkmark		
Telescopic fork	1	\checkmark		\checkmark		\checkmark
Shock absorber rear	I	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Throttle	I/L		\checkmark	\checkmark	\checkmark	\checkmark
Main / Side stand	I/C/E		\checkmark	\checkmark	\checkmark	\checkmark

I... Control (Inspect) E... Exchange C... Clean L... Luk

L... Lubricate

*Check: Thread depth / Pressure

General information:

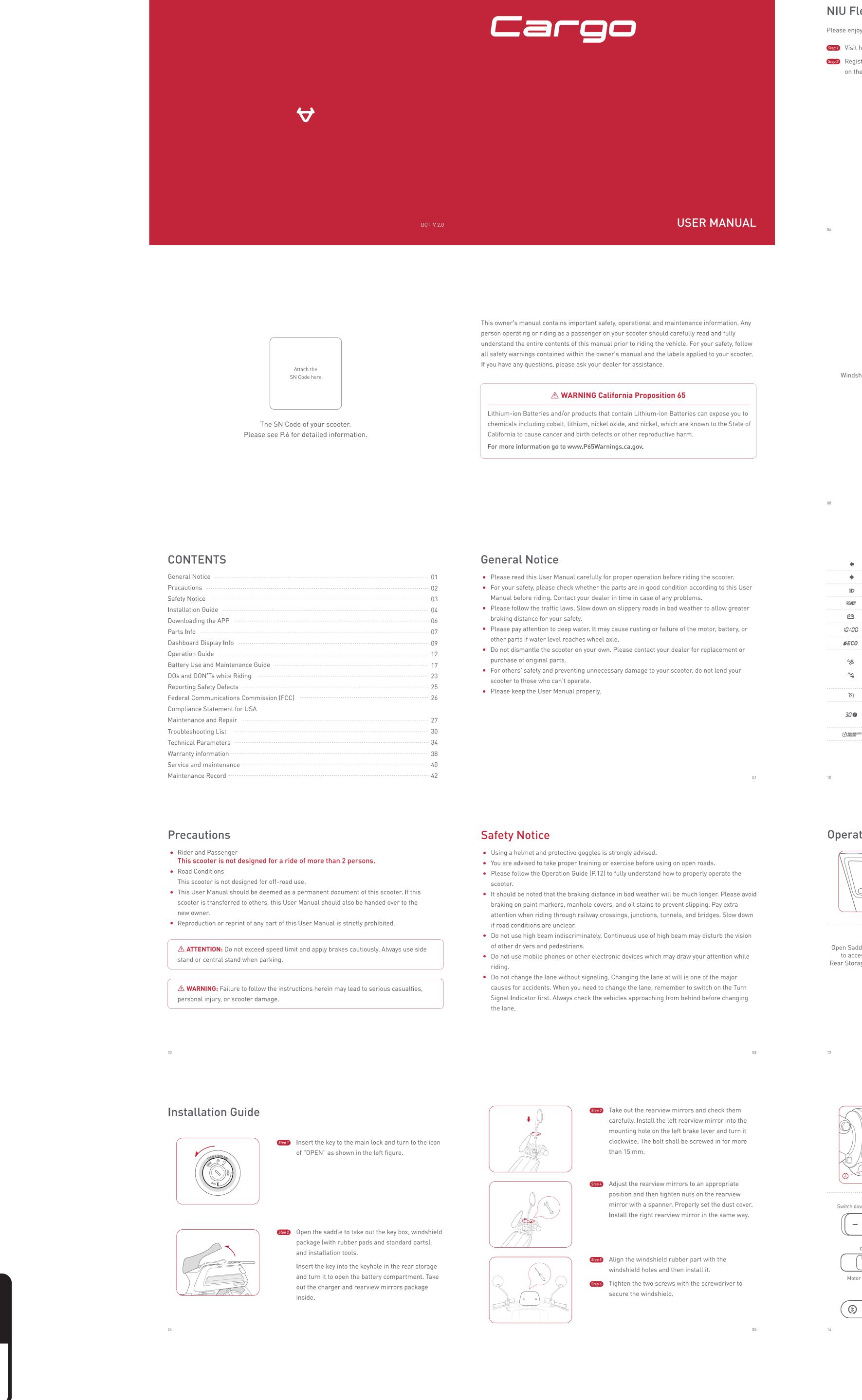
Regarding "control": this component must be checked if the function is correct. Instructions such as "cleaning" or "lubrication" mean, that this work must be carried out additionally. If errors / defects are detected, they should be remedied.

Maintenance Record

Date	Mileage	
Notes:		
Dealer:	 	

Maintenance Record

Date	Mileage	
Notes:		
Dealer:		





技术说明:

- 1、材料(楞形\克重配比): 100g双胶纸
- 2、工艺: 正反面印刷 骑马钉
- 3、印刷颜色: 2专 PANTONE Cool Gray 11C
- 4、其他特殊说明:

PANTONE 186C

NIU Fleet Platform

Please enjoy more valuable feature in NIU Fleet Platform. (Step 1) Visit https://fleet.niu.com/en/ Step 2 Register a account on platform and add you vehicle into your account with the vehicle SN on the inside of cover page.

Rearview Combination

为 First Batterv

• Left Turn Indicator The Left Turn Indicator is on.

Right Turn Indicator
 The Right Turn Indicator is on.

🖆 Low Battery Indicator Battery level less than 10%.

*b***ECO** Economic Mode Ideal energy consumption status.

Construction Energy Recycling Status Energy is being recycled from braking.

Front Storage Area

 Image: Constraint of the second secon

4 3 4 Front Storage

Open Saddle • Off to access

Aush L Handlebar

Main Lock

Motor Power On Motor Power Off

Switch down Switch up

))S

READY Ready Indicator In Riding Mode.

The High Beam is on.

Now is 10:00

No flashing: Signal strong.

Bars are falshing: Signal weak.

Entire icon flashing: No signal.

The scooter is in Cruise Mode.

The Diagnostic Code is 30.

USB Charging Port

Open Saddle Turn on the Scooter

Push the key and

turn to LOCK position to lock the

Steering Handlebar

Right Combination Switch

Mode Selector

② Engine Stop Switch

3 Start/Stop Button

4 Hazard Light Button

Mode Selector: Press right part to switch up the mode. Press

Engine Stop Switch: Push the switch left to

Mater Davies On Mater Davies Off Mater Davies Off

left part to switch down the mode.

2 Main Lock

Please see the "Troubleshooting List".

Side Stand Central Stand

Second Battery

Rear Storage Tailligh

Compartment

Mirror Switch

Windshield •

∎**o** High Beam

10:00 Time

″✿ GPS Signal

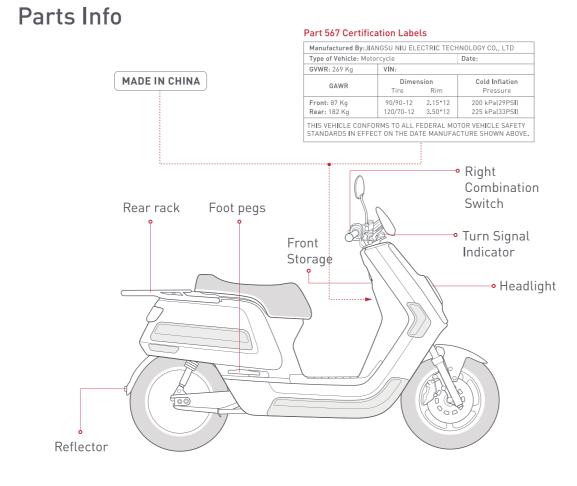
"ය GSM Signal

්න Cruise Mode

300 Diagnostic Code

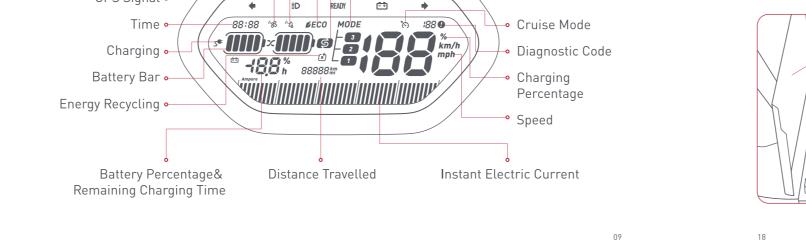
Operation Guide

Rear Storage



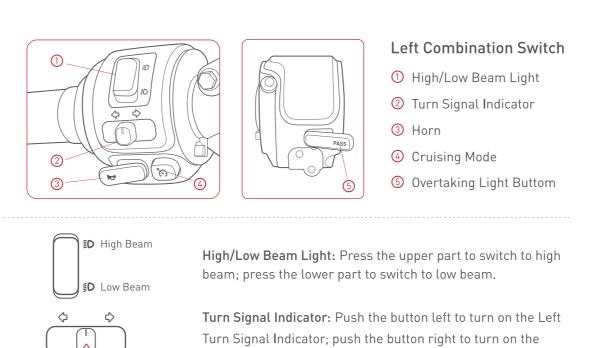
Dashboard Display Info

 Left Turn Indicator
 READY Ready Indicator
 Right Turn Indicator 🗈 🛛 High Beam 🔁 🖬 Low Battery Indicator Economic Mode • Voltages Equalized GSM Signal • • Riding Mode GPS Signal • ID READY 🖽 🕨



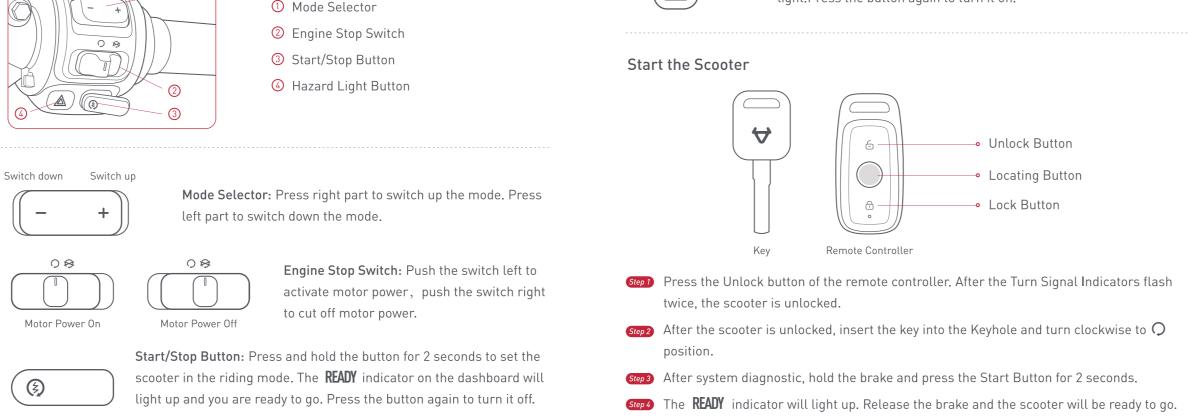
Dashboard Display Info

	Battery Bar	Current battery level is 80~89%.
<i>8</i> 5*	Battery Percentage (Small)	Current battery level is 85%.
- <u>3</u> 2h	Remaining Charging Time	The remaining charging time is 3.2 h (using scooter charging port).
ع	Charging	Battery is being charged.
00802‴	Distance Travelled	Distance Travelled is 802 miles.
	Instant Electric Current	Indicates instant power output.
MODE SPORT DYNAMIC E-SAVE	Riding Mode	Sport Mode Dynamic Mode Energy Saving Mode
25-	Speed	Current speed is 26 mph.
13*	ChargingPercentage (Large)	Currentbatterychargingprogress is 13% (using scooter charging port).



Right Turn Signal Indicator. Press the button to turn off. Cruising Mode: Push the button to cruise at current speed. Press again or brake to turn it off. Overtaking Light Buttom: To signal overtaking with flashing light, the rider may press and release the Overtaking Light Button repeatedly. 13 22

Hazard Light Button: Press the button to turn on the hazard \frown light.Press the button again to turn it off.



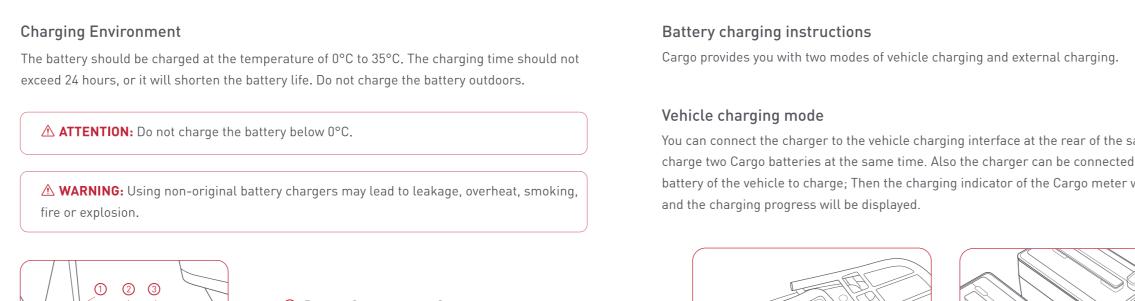
Locking Steering Handlebar

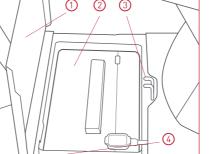
Turn the steering handlebar to the left, then push the key inward and turn it anticlockwise to LOCK position. Locking with Remote Controller The scooter can only be locked when the scooter is turned off. Press the Lock Button on the

Remote Controller within an effective distance to turn on the Alarm. The Turn Signal Indicator will stay on for 2 seconds after the scooter is properly locked. Locating

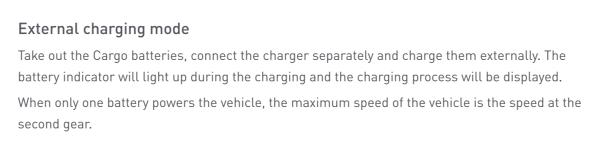
Press the Locating Button and the Turn Signal Indicators will flash for 10 seconds. If no further operation during this period, the Alarm will be on for 10 seconds. The Alarm can be cancelled by pressing the Unlock or Lock Button.

07 16





Battery Compartment Cover 2 Battery 3 Battery Compartment Lock 4 Battery Compartment



Battery indicator light instructions

11 20

15 24

 In the charging state, the current battery power will be displayed. After the battery is fully charged, all the indicators are always on and no longer flash. • When in the non-charging state, press the power show button and the indicator will show the battery power in the normal state. • If the battery is less than 20%, an indicator will flash threes to remind you to charge. \cdot If all the indicators flash,it means that the battery is being in fault.

• If the battery can not be fully charged after 12 hours, please stop charging and contact

To maximize the battery life, please keep the battery percentage within 20% to 80%.

• The best battery capacity performance for storage is 50%. Storing battery with less than

10% or more than 90% over a long period of time will cause irreversible capacity loss to

the battery.

• The battery needs to take out from the scooter for storage longer than one week. In this

30%-70%. It's advised to have at least one cycle of charge and discharge every 2 months

• If the battery failure is due to misuse or lack of proper maintenance as instructed, its

condition, please keep the battery at the temperature of 0°C to 20°C with capacity of

• The battery will lose more capacity in lower temperature conditions. To be more

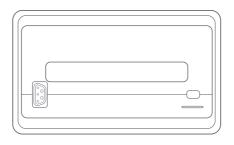
specific, the usable capacity at -10°C is 70%, 85% at 0°C, and 100% at 25°C.

to minimize battery capacity loss during storage.

leakage, overheat, smoking, fire or explosion.

warranty will be invalidated.

Falling may cause uncontrollable internal damage to the battery and may cause



DOs and DON'Ts while Riding

Before Riding			
Please check the followin	lease check the following details before riding.		
Check Point	Description		
Steering Handlebar	(1) Steadiness (2) Steering flexibility (3) No axial displacement or loosening		
Braking	Braking lever has 5 to 9mm idle travel.		
Tyres	 The air pressure range of the front tyre range of the rear tyre is 33 to 36psi. Proper tyre tread depth No cracks or openings Minimum load-capacity index: front 23, Minimum-speed category: B. 		
Battery	Adequate for planned distance to travel.		
Lights	Check all the lights—High Beam, Low Bea Turn Signal Indicator, etc.		
Horn	Check whether the horn can work.		

Braking Precautions

ATTENTION

your dealer.

Adjust the scooter upright before applying brakes. If the tyres are locked and the scooter loses steering ability resulting from excessive braking force, loosen the grip on the braking lever and the tyres will be working again and the scooter will be stabilized. Try to maintain a 1:1 ratio of front and rear braking force on slippery roads.

${ m m m A}$ CAUTION: For your safety, do not exceed the speed limit, use the brakes gently to maintain at safe speed while riding downhill. ATTENTION: Inexperienced riders tend to use the rear brake only, which will accelerate the wear of the brake and result in a longer braking distance.

A WARNING: Using the front brake or rear brake only is dangerous because of possible grip or control loss. Pay extra attention and use the brakes gently when riding on damp, slippery roads, and around corners. Otherwise, riders will be exposed to great danger.

Reporting Safety Defects Jiangsu Niu Electric Technology Co., Ltd

If you believe that your vehicle has a defect which could cause a crash pr could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Jiangsu Niu Electric Technology Co., Ltd If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Jiangsu Niu Electric Technology Co., Ltd To contact NHTSA, you may call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to http://nhtsa.safecar.giv; or write to Administrator, NHTSA, 1200 New Jersey Avenue SE, Washington, DC 20590. You can also obtain other information about motor vehicle safety from http://www.safecar.gov

Battery Use and Maintenance Guide

Using Environment

Battery charging instructions

Vehicle charging mode

A WARNING

assumed by user.

Must use original charger.

In order to prevent possible leakage, overheat, smoking, fire or explosion, please follow these instructions: The battery should be used at the temperature of -10°C to 45°C. Do not expose to water, beverages or corrosive liquids.

• Keep away from heat source, open fire, inflammable and explosive gases and liquids. • Please keep metal parts away from the battery compartment. In case of undesirable odor, overheat or deformation of the battery, please disuse the

battery immediately, keep away from the battery and contact your dealer. $m
m \Lambda$ <code>WARNING:</code> The battery is not a repairable part by the user. In case of battery fault, please contact your dealer. Users dismantling the battery may lead to leakage, overheat,

smoking, fire or explosion. This will invalidate product warranty. 17 26

You can connect the charger to the vehicle charging interface at the rear of the saddle box to charge two Cargo batteries at the same time. Also the charger can be connected to the single battery of the vehicle to charge; Then the charging indicator of the Cargo meter will light up and the charging progress will be displayed.

19 28

21 30

25 34

All operation should be strictly conform to the user manual. If not, result will be

 Pay attention to the type of battery and applied voltage. Mixture use is forbidden. Charging should be in ventilated environment. DO NOT charge in closed space or under high temperature. DO NOT put charger into trunk or tail box while charging. While charging, connect battery with charger before connect with electric supply. After fully charged, disconnect the electric supply before unplug the battery plug. When the green light turns on, disconnect the power in time. Avoid long time connection between charger and AC power supply while not charging. While charging, if the signal light is abnormal, has odor, or the charger is over temperature, please stop charging immediately and check or change the charger in time. When using and storing the charger, please avoid foreign matter, especially water or

other liquid in case of internal short circuit. D0 N0T bring charger within scooter, if have to, please make sure of damping. D0 NOT disassemble or change the parts in charger by yourself.

ore riding. g flexibility al displacement or loosening ver has 5 to 9mm idle travel. pressure range of the front tyre is 29 to 36psi; the air pressure of the rear tyre is 33 to 36psi. tyre tread depth ks or openings Im load-capacity index: front 23, rear 49.

for planned distance to travel. the lights—High Beam, Low Beam, Brake Light, al Indicator, etc. ether the horn can work.

No. 387 ChangTing Road, West Taihu Science and Technology Industrial Park ChangZhou City, Jiangsu Province, China People's Republic of China

Federal Communications Commission (FC Compliance Statement for USA The Smart Central Controller, the Remote Controller and the Alarm comply with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Smart Central Controller FCC ID: 2AQ95-NIUU3LTE MODEL: U3LTE Remote Controller FCC ID: 2AQ95-NIUD23

MODEL: D23 Alarm FCC ID: 2AQ95-NIUV8-M1 MODEL: V8-M1

▲ ATTENTION If the scooter is frequently used in overload, high-speed, bumpy or up/downhill riding conditions, the maintenance cycle should be shortened. For more guaranteed quality and longer service life, please use original parts, which are under normal warranty.

A WARNING If incapable of repair or adjustment on his/her own, the scooter owner is advised to send the scooter to the dealer's for maintenance and adjustment for the sake of safety. Always choose a smooth surface road for repair and adjustment and unfold the central stand before repair and adjustment. If it's necessary to repair the scooter during a ride, mind the traffic.

\land WARNING Do not use pressure washer to wash the scooter, especially around the battery compartment. Do not flush the rear inner mudguard, where the charger, controller and other parts are installed behind. If the charging port on the scooter is wetted, please do not charge before the charger dries off. Contacting your dealer is recommended.

Troubleshooting List

 Motor failure when
 2. The power off switch is enabled
 2. Do not pull the brake lever when

turning the twist grip when pulling the brake lever twisting the twist grip.

from low temperature

1. Battery level is low 1. Charge the battery.

1. The plug of the battery not 1. Check whether the plug is

turned off yet of this Manual.

properly connected with the loosened. battery socket 2. Contact your dealer for

2. Battery is overdischarged professional checks.

1. Low battery level2. Under-inflation of tyres3. Frequent braking and overload2. Check the tyre inflation

5. Low battery capacity resulting 5. Normal situaiton.

Troubleshooting List

Troubleshooting

Take the battery indoor until back to

normal operating temperature.

Contact your dealer for professional

2.Contact your dealer for professional

4. Battery aging or normal capacity loss 4. Replace the battery.

Troubleshooting

1. Charge the battery.

professional checks.

2. Contact your dealer for

Causes

No output when 1. Dead battery

switched on 2. Alarm failure

Battery charge failure battery socket

Dropping speed or

Malfunction Causes Description

30 displayed Battery overcharged

31 displayed Charging overcurrent

60 displayed SIM card identification failure

63 displayed GPS antenna short circuit

64 displayed GPS antenna open circuit

65 displayed ECU SN missing/ incorrect

110 displayed FOC Controller failure

67 displayed SIM card unpaid/inactivated/low signal strength

99 displayed Electronic components communication failure

111 displayed1. The scooter is locked2. FOC Controller verification failure

62 displayed GPS module failure

32 displayed Charging at low temperature

Short-term Storage Keep the scooter in flat, steady, well-ventilated and dry area. • Charge the battery to 50% full before storage to maximize battery life. Avoid exposure under sunlight and rain to reduce damage or aging.

the scooter to the dealer's for checks and maintenance.

Maintenance and Repair

scooters that are not used for a long time.

Regular Maintenance

1,800 miles thereafter.

Daily Maintenance

Scooter Washing

scratching.

Long-term Storage • Remember to have a charge and a discharge at least every 2 months and charge the battery to 50% full before storage to maximize battery life.

 Charge the battery to 100% full after long-term storage. • Check all the parts carefully to make sure that there is no problem before riding it. If there's any problem, take the scooter to your dealer for maintenance or repair.

Users are advised to have the scooter checked and maintained on a regular basis, even for the

Users are advised to have their scooters checked 2 months after purchase or within 600 miles

travelled distance. Overall check and maintenance is advised to be conducted every 6 months or

If any problem occurs during checks, please look through the Home Repair Instructions or send

Please always take out the battery before washing the scooter. Please use neutral detergent

and water to wash the scooter. Use soft cloth to wipe the scooter after washing to prevent

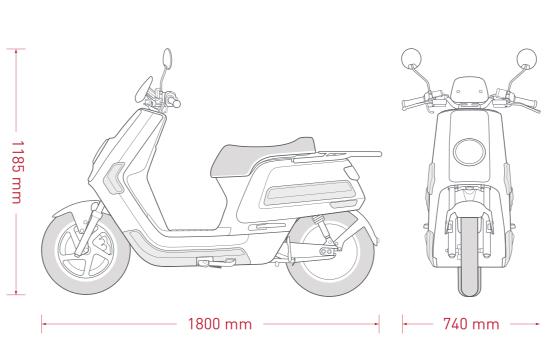
 $m \Delta$ **WARNING:** Please disconnect the battery with the scooter during storage.

Troubleshooting List Causes Troubleshooting Description Dead battery Charge the battery Sudden stop during Identify the fault causes in reference to the Diagnostic Codes on Dashboard. a ride Contact your dealer if the troubleshooting methods listed in this manual is not working. 1. Disconnect the battery and reconnect it Communication failure or 2 Chock whether the state after switched on 3. The Parking Mode has not been 3. Check "Start the Scooter" section 00 displayed Check whether the wires are loosened. Dashboard failure Contact your dealer for professional 10 displayed FOC Controller locked rotor Stop the scooter and restart later. 11 displayedFOC Controller
undervoltage/overvoltageStop the scooter and restart later.
 12 displayed
 FOC Controller overcurrent
 Contact your dealer for professional checks.
 13 displayed FOC Controller Disconnect the battery and cool it down overtemperature before reuse. 20 displayed Motor overtemperature Stop the scooter and restart when cooled down.

31

Contact your dealer for professional checks. 120 displayed Motor failure 130 displayedBattery overdischargedCharge the battery. 131 displayed Over-current discharging Stop the scooter and restart later. 132 displayed Battery overtemperature Stop riding and let battery cool down. _____ harge the battery after it reache 133 displayed Battery undertemperature the operating temperature range. Please check the wires of the twist grip or contact your dealer for professional checks. 140 displayed Twist grip failure 161 displayed The scooter is locked by remote command Contact your dealer for professional 190 displayed Controller communication failure 191 displayed BMS communication failure

Technical Parameters



32

		NQi Ca	argo
	Motor Rated Power	1500W	
	Battery Capacity	60V26Ah*2	60V35Ah*2
	Max.Speed	45km/h	
	Dimension	1800 x 740 x 1185 mm	
Features	Product weight	109kg	
	Maximun Load	269kg	
	Number of seating positions	1	
	Range	80-100 km	120-140 km
	Gradeability	Dynamic: ~13° kg	
	Voltage	60V	
	Standard Charging Current	4A	
	Maximun Discharging Current	45 A	50 A
	Headlight/Turn Indicator		
El a atri a al	Taillight/Brake Light	12 V LED	
Electrical	Meter/Panel		
System	Central Control Unit	12 V	
	USB Charging	5 V/1 A	

35

	Motor	Tailored Motor by Bosch GmbH	
Power	Motor Control Mode	FOC Vector Control	
System	FOC Controller Max.Current	45 A	
	Front/Rear Damper	Oil Damping Direct Acting Shock Absorber	
	Front Tyre Specification	90/90-12 Rim:2.15x12	
	Rear Tyre Specification	120/70-12 Rim:3.50x12	
Frame	Front Brake System	Disk Brake	
	Rear Brake System	Disk Brake	
	Minimum Ground Clearance	160mm	
	Seat Height	790mm	

27 36

Warranty information

Please carefully read the instruction manual of your vehicle beforeoperating it in order to make fully filled yourself familiar with its handling. We explicitly point out that the instruction, maintenance, and system. F care instructions given in the operating manual have to be complied with in order to sustain your claim towards warranty. Only the strict compliance with customer specifications stated in Body and p the instruction manual ensures the prolonging of the natural life of your vehicle. Starting with pressure w the date of the invoice a limited warranty of 24 months is granted regarding the accuracy of the detergents vehicle in terms of material and manufacturing according to latest standards. The legal vital to use warranty regulations will not be restricted by this limited guarantee. Maintenance work has to products. be exclusively done by authorized workshops entitled by us. Warranty in general is bound to the region of invoicing and can therefore only be carried out within the country the vehicle was bought. Damages that can be traced back to inappropriate usage, manipulation, or neglecting of the maintenance/care/operating instructions will not be covered by warranty.

Warranty can only be granted if occurring damages are immediately being reported to the warranty. seller or any other authorized workshop by the buyer. The warranty claim entitles the buyer to remedy deficiencies or to the reparation respectively the exchange of a damaged part in an authorized workshop after our approval. Compensation for remote or instantaneous damages cannot be granted. Vehicles in desolate condition will not be covered by warranty. 29 38

Service and maintenance

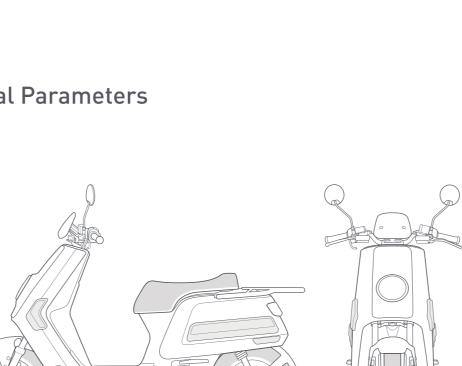
Important information The date for the implementation of maintenance that limit is observed, which is reached first. That means driven kilometer or duration from initial startup. The warranty can be granted only when the vehicle serviced in accordance with this plan and was not exposed to extraordinary stress.

🛆 WARNING: Only perform appropriate works which are intended for your vehicle.

Hydraulic lines should be replaced every 4 years. From 8000 mi or the 2 years, the inspection should take place at least once a year or every 4000 mi. The vehicle is continuously checked for rust. The vehicle owner is responsible for rust prevention. On the following pages you will find the maintenance schedule and the service record.

Maintenance Record Mileage Date Notes:

33 42



说明书

chment 1 Installation Instruction Place the two installation plates underneath the rear box carrier as shown, align the box to be installed with	物料编码
the mounting holes of the installation plates, use screws and nuts to ensure that the installation is secure.	
ATTENTION! Max Load: 50 Kg	
	陈卫萍 吴艳 邱冠华
37	设计时间
vorks carried out on warranty do not enlarge the guarantee period. Only this document you to call on warranty services. Therefore please make sure that you are delivered this ed in document by the seller and that he has registered your vehicle correctly in our Please also mind the following advices.	2021.11.04
d panelling of the vehicle have to be kept free of dirt constantly. Do not use high e water blasters, strong jets of water, sharp and corrosive or other aggressive nts which could harm surfaces and varnish permanently and foster corrosion. It is use protecting cleansers. Please consult our dealers for the right and appropriate s.	数量
im parts or other refined parts (chrome parts, anodized parts or other processed)have to be treated with appropriate maintenance products in order to prevent n. Frame and metal parts are continuously to be treated with anticorrosive. A vehicle ly parked outside has to be covered to avoid weathering and crack formations on plastic parts. Vehicles used off-road and for racing purposes are excluded from	1
plastic parts. Venicles used off-road and for racing purposes are excluded from /.	更改备注
39	
After the initial 600 mi Every 1800 mi Every 3600 mi 6000 mi or Every 2 years ENT PERFORM spection I ✓ ✓ ✓ Id controls I/E ✓ ✓ ✓ ✓	
aring $I/C/L$ I \checkmark \checkmark \checkmark stemI \checkmark \checkmark \checkmark \checkmark switches I/E \checkmark \checkmark \checkmark \checkmark ak switchI \checkmark \checkmark \checkmark \checkmark ing I/E \checkmark \checkmark \checkmark \checkmark msI \checkmark \checkmark \checkmark \checkmark I^* I \checkmark \checkmark \checkmark	
I/C/EVVVVI/C/EVVVforkIVVVI/LVVVVstandI/C/EVVV	
ol (Inspect) E Exchange C Clean L Lubricate Thread depth / Pressure al information: ng "control": this component must be checked if the function is correct. Instructions "cleaning" or "lubrication" mean, that this work must be carried out additionally. If	批准
defects are detected, they should be remedied.	
Mileage	尺寸 成型尺寸: 170*140 mm
is:	成空尺寸·170~140 mm 展开尺寸:
er:	方向
43	图纸方向:印刷方向 展开尺寸:XX方向
	公差(无特殊说明下)
	纸箱类: ±3 mm 标签类: ±0.5 mm
	说明书类: ±1 mm
	PE袋类: 0~20 cm ±2 mm 20~50 cm ±3 mm 50~100cm ±5 mm
	图示说明
	裁切线
	——————————————————————————————————————
	反压线
	间隔刀线 x/x mm
	——————————————————————————————————————
	米公本

