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UKKO S

PRODUCT BROCHURE





About Us

Hangzhou Tromox Technology Co., Ltd. is a high-tech enterprise focusing on creating an intelligent e-mobility ecology.

With independent R&D of the core technology, Tromox adheres to the green way of mobility. By adopting trendy design, we create intelligent electric motorcycles and travel peripheral products, to provide Tromox users with a passionate lifestyle.

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PERIPHERAL PRODUCTS

Brand Introduction

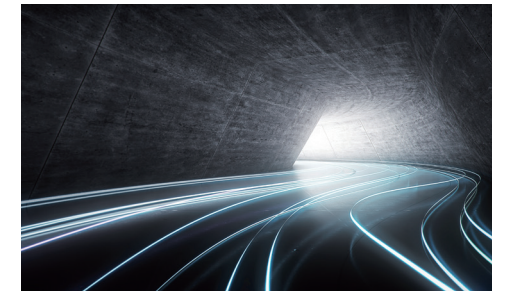
Tromox aims to create a [Technology + Trendy Play] electric motorcycles brand. Riding is not only to reach a certain destination, but to break through the shackles of boring life and to activate the self-awareness.

Original European design + independent R&D of core technologies provide an interesting, intelligent, and environment-friendly travel experience for our global young riders. Unlimited usage scenarios create an unique playful way for them to show the youthful passion, free the mind, and release the stress.

① Brand Slogan

Born for cool riding

② Brand Core Value



Revolution



Interconnection



Passion

Brand Story

Dare to be a pathfinder to experience and explore:
live sincerely in the complex life■
Dare to be an innovator to question and resist:
try my best without even being expected.
We are blessed to dwell in such an epoch,
which in return is more fortunate to embrace us.

Breaking through traditions and innovations■
Balancing between reality and ideality■
Blooming in collision and compromise:
Set yourself unlimited boundaries.



ULTIMATE STYLING

UKKO S

Smart Electric Motorcycle
Premium Next Gen

The original design concept of Tromox draws inspiration
from the saber-tooth shark.
The streamlines are used to interpret speed.
The mecha style is adopted to represent the future.
It is not a copy of any models.
It is UKKO S that only belongs to you.

Now, let's explore its secrets together



Lightweight Design Concept

Be light, but be reliable.

Veicle Frame

① Surrouned All Aluminum Alloy Frame Design

② 10000000⁺

Times Of Vibration Fatigue TestLighter



Racing-Grade Single Rocker

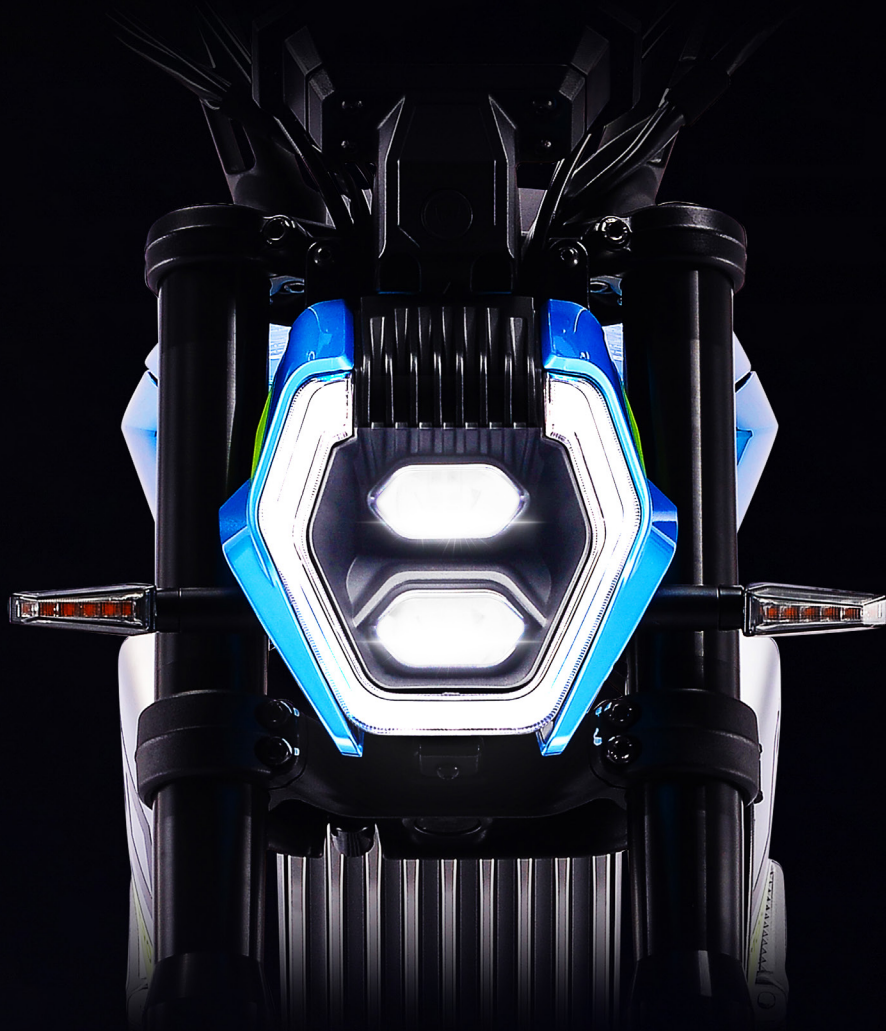
Play cool and
enjoy the passion of joy.

The Avant-garde Visual System

Be technological, and be fascinating.

Nude Aesthetics Headlight

Adopt waterproof IP67 dual-lens LED headlights with high lens optical glass and high penetrating LED strip. With a lower energy consumption, the headlight brings a stronger lighting effect and a wider lighting area.



Personalized Handlebar with Backlit Button

Simply designed racing-type button layout is equipped with cruise control and reverse assist button, for you to free your hands.

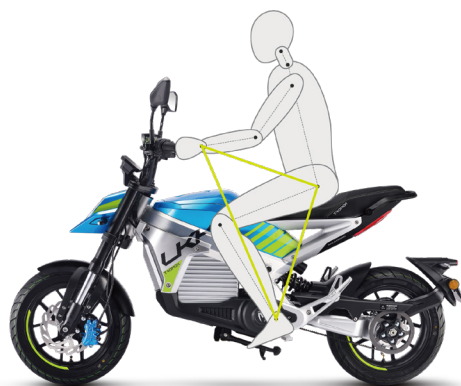
Human-machine Interaction

Be comfortable, and be easy to handle



Ergonomic Design

After being adjusted and polished hundreds of times, it adopts the golden ratio of human sitting posture, which makes the handling becomes smooth and easy.



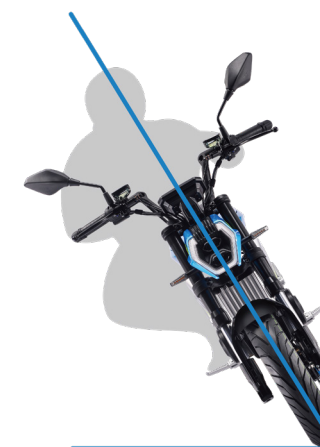
Male



Female



Male



Female

CORE TECHNOLOGIES


To perceive the future, or face up to the present, It is not a choice, but a balance. To illustrate our attitude, Tromox designed ad launched Ukko S.


Embedded with sci-fi design elements and high-end performance, UKKO S aims to discover a way of transportation that is far ahead of times.





BMS System


UKKO S uses soft pack lithium-ion batteries with high discharge efficiency and low self-consumption to fully realize a high energy supply. The fully functional and enhanced BMS system provide precise calculations of charging and discharging requirements for the all-around protection of the battery cells.

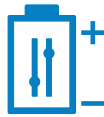
- 


Battery Full Alert
- 


Short-circuit protection
- 

Overcurrent protection
- 

Temperature protection
- 

Over-discharge protection
- 

Cell equalization
- 

MOS fault protection
- 

Predischarge protection



Tromox E-rush Fast Charging

160 km*
Autonomy



* The value of autonomy may vary considerably depending on the test environment. The results are based on the actual data of the vehicle speed test at a constant speed of 30km/h, with a rider weighing 75kg, and an ambient temperature of 25 degrees.



High-Performance Mid-Mounted Motor

Integrated with secondary reduction, the vehicle has a greater torque, a faster pick-up performance, and a better climbing ability even at a low speed.

The acceleration mode can be switched on instantly, which can always get you off the ground one step faster.

93^{km/h}

Top Speed

22[°]

Climbing Ability

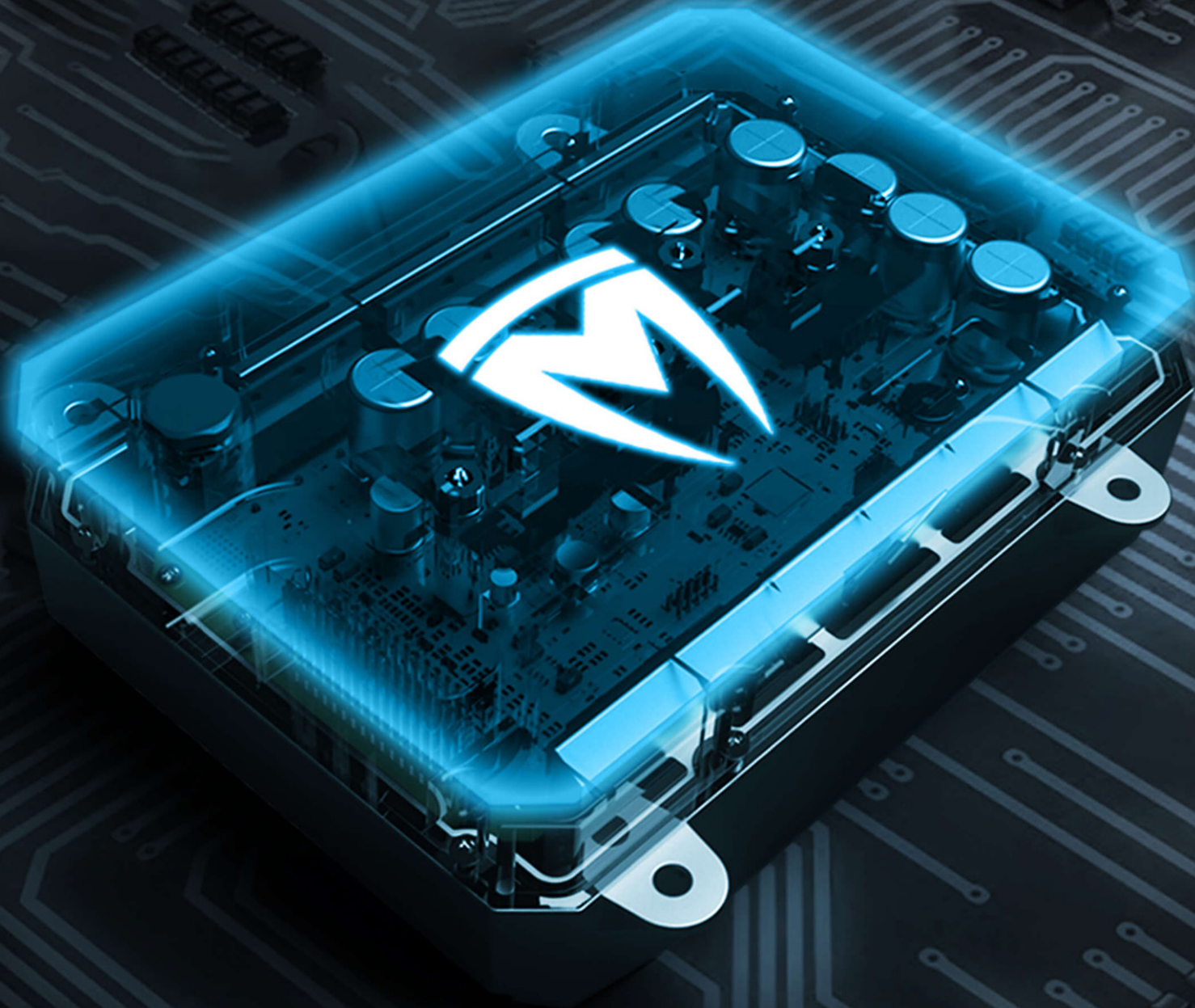
Independently R&D FOC Vector Controller

The design concept refers to the automobile standard, and the FOC vector controller is developed independently. The chip adopts STMicroelectronics, MOS tube adopts imported high quality materials. The control of the torque ring and speed ring matches racing-grade requirements. Starts smoothly and has good acceleration performance.



Make your daily commuting

**More
Intelligent**



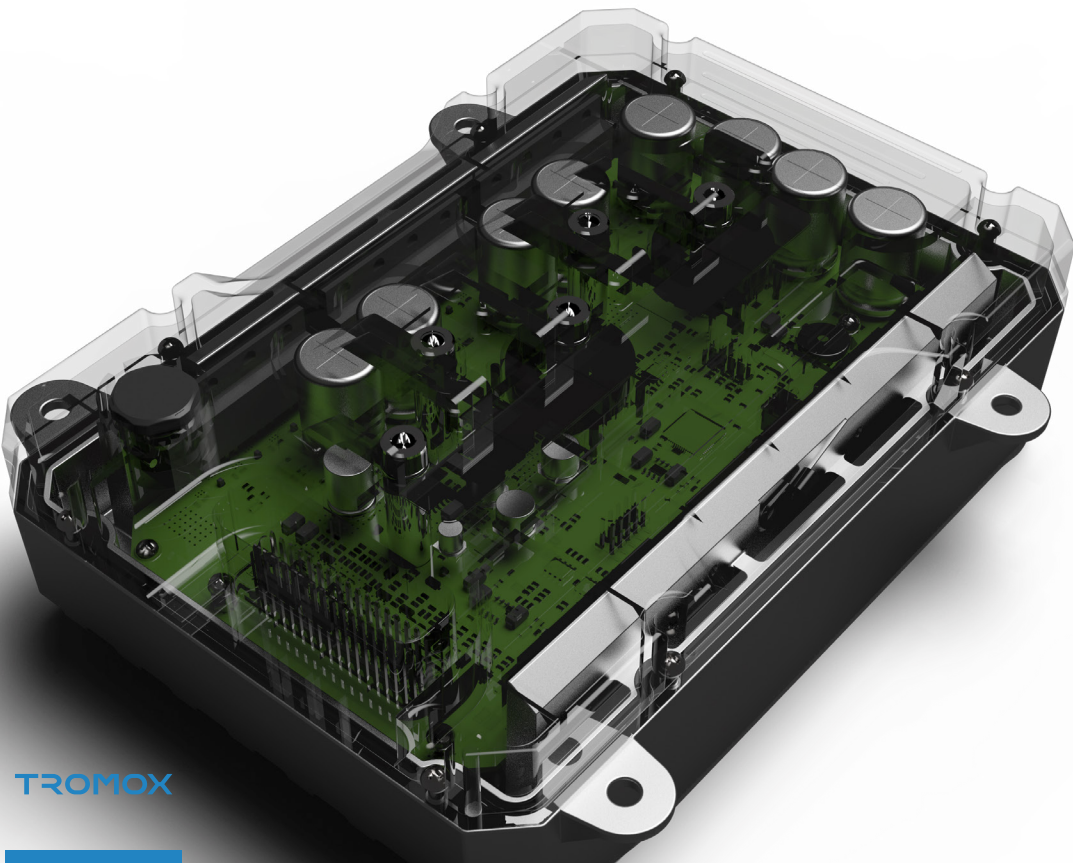
Human-machine Interaction

Like an intelligent robot, Ukko S understands your needs and makes the vehicle controlling easier and more straightforward.



Independently Developed Highly Integrated Central Control VCU

M-space 2.0 system is the latest generation of the TROMOX motorcycle intelligent system. The central control VCU adopts high-end imported parts and materials. It has many vehicle body sensing points and supports high precision and high sensitive transmission. It achieves multi-response among the vehicle owners, the vehicle, and the data backend platform via the system.



Exclusive TROMOX APP

One vehicle, one security code can be bound to Tromox APP, which supports vehicle information query, riding news access, vehicle use guidance instructions, and other functions, bringing users more riding pleasure.



Cycling Record
Tracking



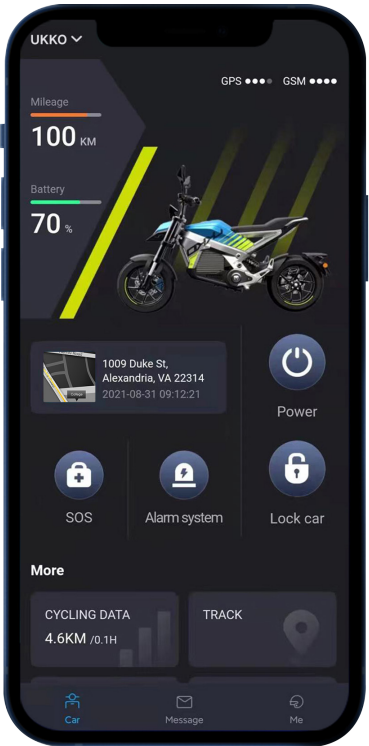
Cycling Habit
Chasing



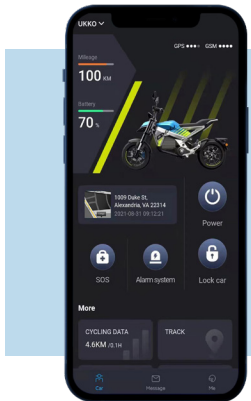
Estimation Of Vehicle
Condition



Real-Time Location
Tracking



NFC Card



IoT (Tromox App)



Smart Key

Heart-beat Sensing Breathing Light

Using a super delightful LED waterfall light strip to achieve interesting interaction in a variety of scenarios.

The induction breathing light will flash and light up within 2km when meeting with the same models, to get acquainted with more UKKO S owners.

1080P Vehicle Recorder

The use of WDR dynamic technology allows the state of the vehicle motion to be presented in clear images. Even at night, it can record the surrounding road conditions, to achieve motion detection, parking monitoring, and other functions.



Go Ride.
Everything Else
Can Wait.



Every detail
has been fully
considered for
the needs of
Tromox users.

5.5-inch TFT Dashboard

High definition TFT screen with
full true colors, clearly delivers
everything you need to know.



For riding,
comfort matters
even more than
just being cool.

- 1 Front inverted hydraulic damping system, mid-airbag with five-grade adjustment, rear spring shock absorber, enabling you to easily cope with your ride even on bumpy roads.
- 2 Belt drive system belt drive, clean and oil-free, better transmission function, lower noise, easier maintenance, tougher and more durable.



Specificatons

	Ukko S Lite	Ukko S	Ukko S Pro
Size (L×W×H)	1820mm×800mm×1035mm	1820mm×800mm×1035mm	1820mm×800mm×1035mm
Wheelbase	1290mm	1290mm	1290mm
Front Shock Absorber	Inverted spring hydraulic damping type	Inverted spring hydraulic damping type	Inverted spring hydraulic damping type
Rear Shock Absorber	Middle spring damping type	Middle spring integral air bag damping type	Middle spring external air bag damping type
Tyre	Front: 100/80-14 Rear:120/70-14	Front: 100/80-14 Rear:120/70-14	Front: 100/80-14 Rear:120/70-14
Seat Height	770mm	770mm	770mm
Braking System	CBS	CBS	ABS
Rear Fork	Aluminum alloy, double swing arm	Aluminum alloy, single swing arm	Aluminum alloy, single swing arm
Drive	Chain	Belt	Belt
Intelligence System	BT VCU	4G VCU	4G VCU
Dashboard	VA screen	5.5" TFT screen	5.5" TFT screen
Motor	4kW with single-reduction gearbox, peak 8kw	4kW with single-reduction gearbox, peak 8kw	4kW with single-reduction gearbox, peak 8kw
Controller	FOC	FOC	FOC
Battery	72V 55Ah	72V 55Ah	72V 55Ah
Charger	10A	10A	15A
Camera	No	No	Dual Cameras
Charging Duration	5.5h	5.5h	3.5h

Color



Youth Blue



Space Grey



Knight Black



Tango Orange

·For information related to the vehicle model specifications and standard configuration, please refer to the information provided by the actual purchase platforms.
·The publicity pictures, models, functions, performance, and other parameters of the product listed in the manual are for reference only. For specific information, please refer to the performance of the actual product.

Accessories



Left side bag bracket



Left side vehicle body protection bar



Headlight protection bar



Hand lever



Front and rear pedals



Dashboard protection bar



Adjustable side stand



Vehicle body plug



Parking handle



Oil cup cap



Anti-broken rod



Multifunctional tank bag



Stainless steel side case



Stainless steel side case



**More stories
of Ukko S to be
continued with you**