



WUXI HIO SPECIAL VEHICLE CO., LTD.

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Website



Made in China



WUXI HIO SPECIAL VEHICLE CO., LTD.

HiOEV

SECOLO
Just Professional

HiOPTV

HiOCART





Company Profile

Wuxi Hio Special Vehicle Co., Ltd. is a leading high-tech enterprise dedicated to the independent research, development, manufacturing, and global distribution of four-wheel electric vehicles. With a core team possessing extensive industry experience, including design and R&D services for some prominent brands, the company is committed to driving technological innovation in the field of electric vehicles.

We uphold a philosophy that combines technological advancement with exceptional service, offering electric golf carts, gasoline-powered golf carts, hybrid electric vehicles, electric utility vehicles, electric vending carts, electric sightseeing vehicles, electric house-keeping carts, electric ambulance, scooters, electric UTVs, electric patrol vehicles, QR code-based mobility vehicles for scenic areas, sanitation vehicles, and off-road vehicles. In addition to our standard models, we specialize in customizing electric vehicles to meet specific customer needs, adhering to a philosophy of independent R&D and professional customization.

The company's manufacturing facility spans 50,000 square meters, including a fully operational test field, with an annual production capacity of up to 30,000 units.

The company adheres to the management philosophy of "people-oriented, customer-oriented", and promises to deliver superior quality products and an exceptional after-sales service experience, addressing all customer concerns and reinforcing the reliability of our products.

Welcome To HIO Special Vehicle

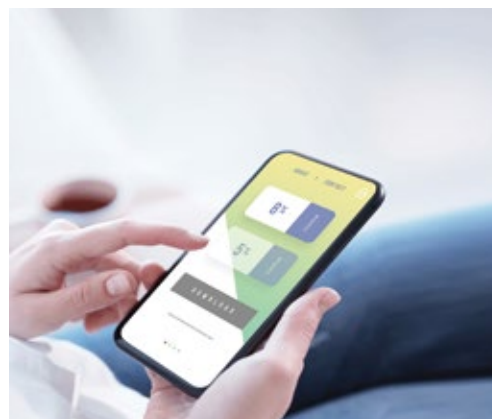
The team adheres to more than 20 years' experience of design, manufacturing, technology research and development from various international brands of special vehicles. HIO continues to adhere to product reliability, safety, and strict quality management to bring great benefits and guarantee to customers in terms of financial performance.





LCD display

Car grade LCD screen, capable of displaying gear position ,speed, mileage, voltage, battery SOC,reversing image, turning signal,volume adjustment, bluetooth connectivity to multimedia, etc



Intelligent control system

The controller parameters are adjusted through a mobile app,which is the first in the industry. Customers can adjust the vehicle's stop speed and acceleration as needed



Mobile phone wireless charging

Hidden wireless charging, effectively protect your phone, More convenient placement and charging



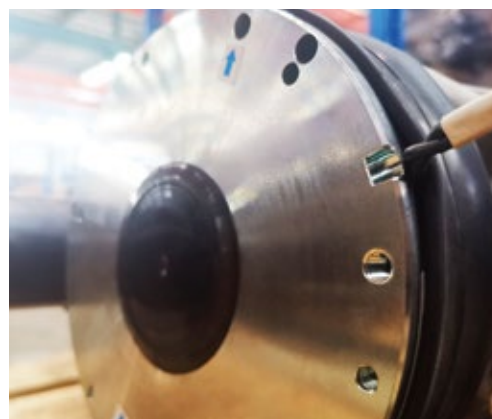
Optional front basket

Classified storage spaces, easier to picking up and placing of items



Optional comfortable seats

Ergonomic seats,comfortable ride



Electromagnetic brake

Optional electromagnetic parking convenient, fast, and safer



Optional onboard cooler

A perfect solution for a tee time cold drink



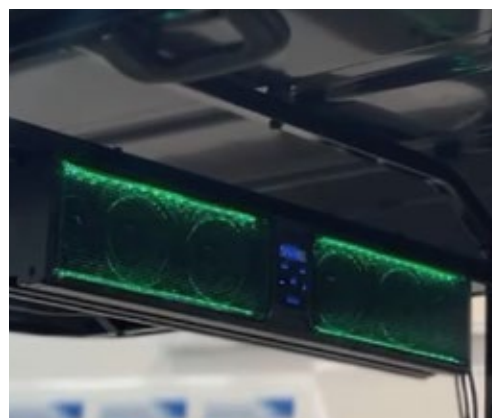
Optional aluminum alloy wheels

Optional aluminum alloy wheels (8 inches,10 inches,12 inch,14 inch)



Lithium battery

Lithium-ion batteries provide global can communication, and can be upgraded and maintained remotely



Optional sound bar

Connection to both the vehicle system and mobile phone to play media



Optional brush guard

High-strength carbonized brush guard for safety and asthetics



Vehicle start-stop system

Convenient and fast driving and parking, and prevents issues such as accidental scratches and breakage of the key



Gasoline engine system golf cart

TECHNOLOGY ADDS TO DRIVING PLEASURE

- Light kit (turn signals, headlights, driving lights)
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- 12 inches aluminum alloy wheels
- Optional wireless charger
- Optional reversing camera
- Optional sound bar

• Customizable body color



Model	Gasoline engine series golf cart
Parameters	
Tank capacity	1.8 Gallon (6.8 L)
Battery	12 V maintenance-free gel batteries
Minimum ground clearance	170 mm
Front/rear wheel track	960 mm/ 1010 mm
Tires	20*10-12
Engine system	
Power source	4-Cycle 200 cc
Cylinder	Single cylinder
Peak torque	34 N.m
House power	12.6 hp (9.3 kW)
Fuel efficiency	7 L/100 km
Fuel supply system	Electronic fuel injection
Throttle supply method	Mechanical throttle
Cooling system	Oil cooling
Drivetrain	Automatic CVT
Maximum speed	9000 r/min
Ignition system	Key start/stop

Vehicle performance								
Max speed	Range	Climbing speed	Climbing ability	Parking slope	System noise	Front suspension	Rear suspension	Gear
42 km/h	100 km	15 km/h (full load)	> 25% (full load)	≥25% (full load)	70 dB (idle state) 85 dB (full speed state)	MacPherson independent suspension	Triple link-arm independent suspension /coil spring damper	L, H, N, R

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



High definition display fuel gauge



4-speed continuously variable speed

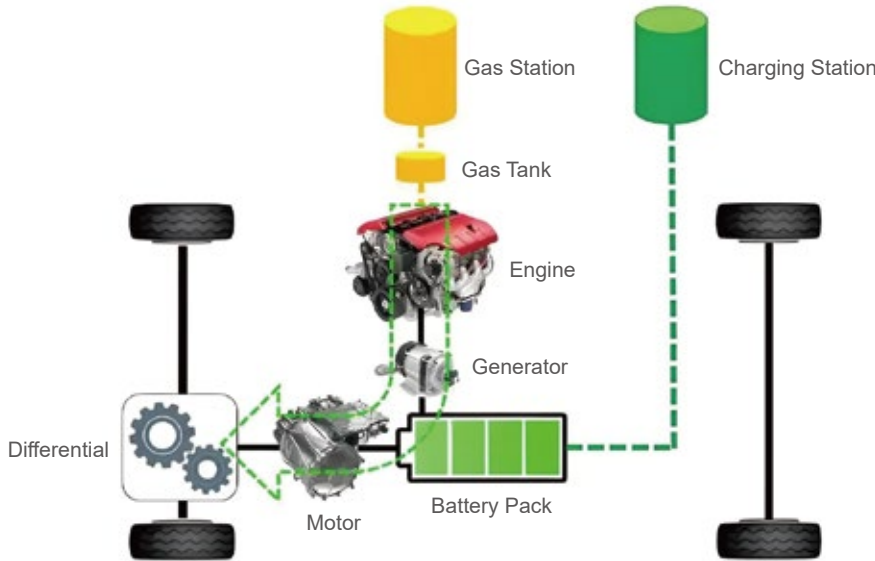


Fuel tank



Powerful engine

Extended-Range Hybrid EV



- Intelligent detection of battery type, can identify the battery as lithium or lead-acid batteries.
- Intelligent adjustment of current output, matching the corresponding current of lithium or lead-acid batteries.
- The output current can be automatically adjusted according to the demand of lithium battery.
- It can intelligently control the maximum current to protect the lithium battery working in a safe environment.
- Intelligent recognition of battery power/voltage status, full charge automatically reduces current until charging stops.
- Intelligent recognition of accelerator throttle depth, saving fuel consumption and reducing noise.
- Intelligent recognition of battery level, providing different charging currents to meet different needs.
- One button to switch off the engine, press the button to OFF to stop power generation.

Customizable body color



Model	FA4 HYB	FA4 HYB Lifted
Load/dimensions		
Tank capacity	1 Gallon (4 L)	1 Gallon (4 L)
Rated load	350 kg	350 kg
Vehicle weight (lithium battery)	480 kg	520 kg
Total length	2791 mm	2791 mm
Total width	1338 mm	1338 mm
Total height	1967 mm	2067 mm
Number of passengers	4-Passenger	4-Passenger
Minimum ground clearance	120 mm	150 mm
Wheelbase	2050 mm	2050 mm
Front/rear wheel track	880 mm/ 990 mm	1010 mm/ 990 mm
Tires	215/35-12 or 225/30-14	22*11.00-12 or 23*10-14

Power generation system							
Voltage	Range	Motor	Battery	Fuel supply system	Throttle supply method	System noise	Power generation mode
48 V	120 km	5 kW	51.2 V 62 Ah blade lithium battery	Carburetor system	Accelerator	62 dB (idle state) 72 dB (full speed state)	Two-position switch

Vehicle performance					
Speed range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-40 km/h	3800 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3400 mm

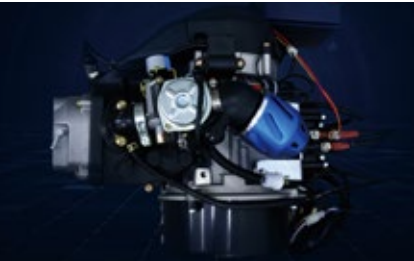
Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



High definition display fuel gauge



Two-position switch



Intelligent generator



Large-capacity battery pack

72V series

Optional power systems for all models

NEW POWER SYSTEM FOR EXCITING DRIVING EXPERIENCE



5 kW / 7.5 kW AC motor, 72 V 400 A controller, 73.6 V 105/125/150 Ah lithium battery.

Newly developed and upgraded 72V driving system with stronger power, faster charging, rapid acceleration, stronger load and better driving experience.

CLASSIC HERITAGE

ELEGANT AND SMART

- 48 V-AC system
- Using HIO independently developed onboard charger
- 4 kW, 5 kW motor
- Wireless charger
- Optional front basket
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (8 inches, 10 inches, 12 inches)
- Optional light kit (turn signals, headlights, driving lights)
- Optional vehicle start-stop system

Customizable body color



Model	A2 Standard	A2+CSA
Load/dimensions		
Rated load	200 kg	370 kg
Vehicle weight (lead-acid battery)	480 kg	500 kg
Vehicle weight (lithium battery)	340 kg	360 kg
Total length	2425 mm	2655 mm
Total width	1180 mm	1180 mm
Total height	1780 mm	1780 mm
Number of passengers	2-Passenger	2-Passenger
Minimum ground clearance	120 mm	120 mm
Wheelbase	1673 mm	1673 mm
Front/rear wheel track	880 mm/ 970 mm	880 mm/ 970 mm
Tires	18x8.5-8 (6-ply rated high-quality tire)	18x8.5-8 (6-ply rated high-quality tire)

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	4 kW, 5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	2900 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3000 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Automotive grade LCD car multimedia screen



Mobile phone wireless charging



Optional onboard cooler



Optional comfortable seats

INSIDE AND OUTSIDE BEAUTY

- 48 V-AC system
- Using HIO independently developed onboard charger
- 4 kW, 5 kW motor
- Optional front basket
- Optional wireless charger
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (8 inches, 10 inches, 12 inches)
- Optional light kit (turn signals, headlights, driving lights)
- Optional vehicle start-stop system

Customizable body color



Model	B2 Standard	B2+CSA
Load/dimensions		
Rated load	200 kg	370 kg
Vehicle weight (lead-acid battery)	480 kg	500 kg
Vehicle weight (lithium battery)	340 kg	360 kg
Total length	2425 mm	2655 mm
Total width	1180 mm	1180 mm
Total height	1780 mm	1780 mm
Number of passengers	2-Passenger	2-Passenger
Minimum ground clearance	120 mm	120 mm
Wheelbase	1673 mm	1673 mm
Front/rear wheel track	880 mm/ 970 mm	880 mm/ 970 mm
Tires	18x8.5-8 (6-ply rated high-quality tire)	18x8.5-8 (6-ply rated high-quality tire)

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	4 kW, 5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	2900 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3000 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



High-brightness energy-saving LED headlight



Multifunctional centre console



Optional comfortable seats



Handy sand bottle

TECHNOLOGY ADDS TO
DRIVING PLEASURE

- 48 V-AC system
- Using HIO independently developed onboard charger
- Light kit (turn signals, headlights, driving lights)
- 4 kW, 5 kW motor
- Wireless charger
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (12 inches, 14 inches)
- Optional vehicle start-stop system
- Optional brush guard
- Optional reversing camera
- Optional sound bar

Customizable body color



Model	A2 PLUS	A2 PLUS Lifted
Load/dimensions		
Rated load	370 kg	370 kg
Vehicle weight (lead-acid battery)	540 kg	590 kg
Vehicle weight (lithium battery)	400 kg	450 kg
Total length	2715 mm	2970 mm
Total width	1190 mm	1210 mm
Total height	1900 mm	2060 mm
Number of passengers	4-Passenger	4-Passenger
Minimum ground clearance	120 mm	150 mm
Wheelbase	1673 mm	1685 mm
Front/rear wheel track	880 mm/ 990 mm	1010 mm/ 990 mm
Tires	215/35-12 or 225/30-14	22*11.00-12 or 23*10-14

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	4 kW, 5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-40 km/h	80-100 km (no load)	2980 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3000 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Multifunctional centre console



Suspension system with ultra-long travel, large-size AT tires



Comfortable, ergonomic rear seat with hidden storage space



Large-capacity battery pack

B2 PLUS

PTV series

LUXURY ELEVATION

UNOBSTRUCTED TRAVE

- 48 V-AC system
- Using HIO independently developed onboard charger
- Light kit (turn signals, headlights, driving lights)
- 4 kW, 5 kW motor
- Optional front basket
- Optional wireless charger
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (12 inches, 14 inches)
- Optional vehicle start-stop system
- Optional reversing camera
- Optional sound bar

• Customizable body color



Model	B2 PLUS	B2 PLUS Lifted
Load/dimensions		
Rated load	370 kg	370 kg
Vehicle weight (lead-acid battery)	540 kg	590 kg
Vehicle weight (lithium battery)	400 kg	450 kg
Total length	2715 mm	2970 mm
Total width	1190 mm	1210 mm
Total height	1900 mm	2060 mm
Number of passengers	4-Passenger	4-Passenger
Minimum ground clearance	120 mm	150 mm
Wheelbase	1673 mm	1685 mm
Front/rear wheel track	880 mm/ 990 mm	1010 mm/ 990 mm
Tires	215/35-12 or 225/30-14	22*11.00-12 or 23*10-14

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	4 kW, 5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-40 km/h	80-100 km (no load)	2980 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3000 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Multifunctional centre console



Suspension system with ultra-long travel, large-size AT tires



Comfortable, ergonomic rear seat with hidden storage space



Large-capacity battery pack

ECONOMIC CHOICE WITH HIGH EFFICIENCY

- 48 V-AC system
- Using HIO independently developed onboard charger
- 5 kW motor
- Wireless charger
- Optional front basket
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (8 inches, 10 inches, 12 inches)
- Optional light kit (turn signals, headlights, driving lights)
- Optional vehicle start-stop system

Customizable body color



Model	A4 Standard	A4+CSA
Load/dimensions		
Rated load	370 kg	500 kg
Vehicle weight (lead-acid battery)	580 kg	600 kg
Vehicle weight (lithium battery)	448 kg	468 kg
Total length	3190 mm	3740 mm
Total width	1190 mm	1190 mm
Total height	1900 mm	1900 mm
Number of passengers	4-Passenger	4-Passenger
Minimum ground clearance	120 mm	120 mm
Wheelbase	2453 mm	2453 mm
Front/rear wheel track	880 mm/ 970 mm	880 mm/ 970 mm
Tires	18x8.5-8 (6-ply rated high-quality tire)	18x8.5-8 (6-ply rated high-quality tire)

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	4000 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3400 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



High-brightness energy-saving LED headlight



Carbon fiber pattern flat-bottomed steering wheel



Ergonomic and comfortable seats



Integrated folding club and bag holder

ENERGY SAVING
AND HIGH EFFICIENCY

- 48 V-AC system
- Using HIO independently developed onboard charger
- 5 kW motor
- Optional front basket
- Optional wireless charger
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (8 inches, 10 inches, 12 inches)
- Optional light kit (turn signals, headlights, driving lights)
- Optional vehicle start-stop system

Customizable body color



Model	B4 Standard	B4+CSA
Load/dimensions		
Rated load	370 kg	500 kg
Vehicle weight (lead-acid battery)	580 kg	600 kg
Vehicle weight (lithium battery)	448 kg	468 kg
Total length	3190 mm	3740 mm
Total width	1190 mm	1190 mm
Total height	1900 mm	1900 mm
Number of passengers	4-Passenger	4-Passenger
Minimum ground clearance	120 mm	120 mm
Wheelbase	2453 mm	2453 mm
Front/rear wheel track	880 mm/ 970 mm	880 mm/ 970 mm
Tires	18x8.5-8 (6-ply rated high-quality tire)	18x8.5-8 (6-ply rated high-quality tire)

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	4000 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3400 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Folding front windshield



Carbon fiber pattern flat-bottomed steering wheel



Ergonomic and comfortable seats



Handy sand bottle

A4 PLUS

PTV series

ECONOMIC CHOICE WITH HIGH EFFICIENCY

- 48 V-AC system
- Using HIO independently developed onboard charger
- Light kit (turn signals, headlights, driving lights)
- 5 kW motor
- Wireless charger
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (12 inches, 14 inches)
- Optional vehicle start-stop system
- Optional brush guard
- Optional reversing camera
- Optional sound bar

Customizable body color



Model	A4 PLUS	A4 PLUS Lifted
Load/dimensions		
Rated load	540 kg	540 kg
Vehicle weight (lead-acid battery)	610 kg	660 kg
Vehicle weight (lithium battery)	478 kg	528 kg
Total length	3500 mm	3500 mm
Total width	1190 mm	1210 mm
Total height	1900 mm	2060 mm
Number of passengers	6-Passenger	6-Passenger
Minimum ground clearance	120 mm	150 mm
Wheelbase	2453 mm	2453 mm
Front/rear wheel track	880 mm/ 990 mm	1010 mm/ 990 mm
Tires	215/35-12 or 225/30-14	22*11.00-12 or 23*10-14

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	4000 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3400 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Multifunctional instrument panel



Suspension system with ultra-long travel, large-size AT tires



Comfortable, ergonomic rear seat with hidden storage space



Large-capacity battery pack

B4 PLUS

PTV series

LARGER SPACE FOR COMFORTABLE DRIVING

- 48 V-AC system
- Using HIO independently developed onboard charger
- Light kit (turn signals, headlights, driving lights)
- 5 kW motor
- Optional front basket
- Optional wireless charger
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (12 inches, 14 inches)
- Optional vehicle start-stop system
- Optional reversing camera
- Optional sound bar

Customizable body color



Model	B4 PLUS	B4 PLUS Lifted
Load/dimensions		
Rated load	540 kg	540 kg
Vehicle weight (lead-acid battery)	610 kg	660 kg
Vehicle weight (lithium battery)	478 kg	528 kg
Total length	3500 mm	3500 mm
Total width	1190 mm	1210 mm
Total height	1900 mm	2060 mm
Number of passengers	6-Passenger	6-Passenger
Minimum ground clearance	120 mm	150 mm
Wheelbase	2453 mm	2453 mm
Front/rear wheel track	880 mm/ 990 mm	1010 mm/ 990 mm
Tires	215/35-12 or 225/30-14	22*11.00-12 or 23*10-14

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	4000 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3400 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Multifunctional centre console



Comfortable, ergonomic rear seat with hidden storage space



Large-capacity battery pack



Loading capacity: 120kgs

DRIVING PLEASURE

DYNAMIC PERSONALITY

- 48 V-AC system
- Using HIO independently developed onboard charger
- Light kit (turn signals, headlights, driving lights)
- 4 kW, 5 kW motor
- Wireless charger
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (12 inches, 14 inches)
- Optional vehicle start-stop system
- Optional brush guard
- Optional reversing camera
- Optional sound bar

Customizable body color



Model	C2 PLUS	C2 PLUS Lifted
Load/dimensions		
Rated load	370 kg	370 kg
Vehicle weight (lead-acid battery)	590 kg	610 kg
Vehicle weight (lithium battery)	450 kg	470 kg
Total length	2970 mm	2970 mm
Total width	1230 mm	1230 mm
Total height	1900 mm	2060 mm
Number of passengers	4-Passenger	4-Passenger
Minimum ground clearance	120 mm	150 mm
Wheelbase	1685 mm	1685 mm
Front/rear wheel track	960 mm/ 990 mm	1010 mm/ 990 mm
Tires	215/35-12 or 225/30-14	22*11.00-12 or 23*10-14

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	4 kW, 5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	2980 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3000 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Multifunctional instrument panel



Vehicle start-stop system



Strong braking force and fast braking response



High-strength carbonized brush guard

TECHNOLOGY ADDS TO DRIVING PLEASURE

- 48 V-AC system
- Using HIO independently developed onboard charger
- Light kit (turn signals, headlights, driving lights)
- 5 kW motor
- Wireless charger
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (12 inches, 14 inches)
- Optional vehicle start-stop system
- Optional brush guard
- Optional reversing camera
- Optional sound bar

· Customizable body color



Model	FA4	FA4 Lifted
Load/dimensions		
Rated load	350 kg	350 kg
Vehicle weight (lithium battery)	480 kg	520 kg
Total length	2791 mm	2791 mm
Total width	1338 mm	1338 mm
Total height	1967 mm	2067 mm
Number of passengers	4-Passenger	4-Passenger
Minimum ground clearance	120 mm	150 mm
Wheelbase	2050 mm	2050 mm
Front/rear wheel track	880 mm/ 990 mm	1010 mm/ 990 mm
Tires	215/35-12 or 225/30-14	22*11.00-12 or 23*10-14

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	5 kW	HIO	105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-40 km/h	80-100 km (no load)	3800 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3400 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



RGB ambient light



Suspension system with ultra-long travel, large-size AT tires



Fixed pedals, convenient and fast



Large lockable storage box

TECHNOLOGY ADDS TO DRIVING PLEASURE

- 48 V-AC system
- Using HIO independently developed onboard charger
- Light kit (turn signals, headlights, driving lights)
- 5 kW motor
- Optional wireless charger
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (12 inches, 14 inches)
- Optional vehicle start-stop system
- Optional brush guard
- Optional reversing camera
- Optional sound bar

Customizable body color



Model	FB4	FB4 Lifted
Load/dimensions		
Rated load	350 kg	350 kg
Vehicle weight (lithium battery)	480 kg	520 kg
Total length	2791 mm	2791 mm
Total width	1338 mm	1338 mm
Total height	1967 mm	2067 mm
Number of passengers	4-Passenger	4-Passenger
Minimum ground clearance	120 mm	150 mm
Wheelbase	2050 mm	2050 mm
Front/rear wheel track	880 mm/ 990 mm	1010 mm/ 990 mm
Tires	215/35-12 or 225/30-14	22*11.00-12 or 23*10-14

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	5 kW	HIO	105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-40 km/h	80-100 km (no load)	3800 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3400 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Multifunctional centre console



High-strength carbonized brush guard



Strong braking force and fast braking response



Large lockable storage box

ECONOMIC CHOICE
WITH HIGH EFFICIENCY

- 48 V-AC system
- Using HIO independently developed onboard charger
- 4 kW, 5 kW motor
- Optional front basket
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional aluminum alloy wheels (8 inches, 10 inches 12 inches)
- Optional light kit (turn signals, headlights, driving lights)
- Optional vehicle start-stop system

· Customizable body color



Model	Shuttle A/B aluminum cargo box		Shuttle A/B wooden cargo box		Shuttle A/B cargo deck	
Load/dimensions						
Rated load	390 kg		390 kg		390 kg	
Maximum load of cargo box	240 kg		240 kg		240 kg	
Vehicle weight (lead-acid battery)	630 kg		590 kg		680 kg	
Vehicle weight (lithium battery)	500 kg		460 kg		550 kg	
Total length	3290 mm		3250 mm		3280 mm	
Total width	1204 mm		1204 mm		1204 mm	
Total height	1790 mm		1790 mm		1790 mm	
Cargo box volume	426 L		550 L		704 L	
Number of passengers	2-Passenger		2-Passenger		2-Passenger	
Minimum ground clearance	120 mm		120 mm		120 mm	
Wheelbase	2453 mm		2453 mm		2453 mm	
Front/rear wheel track	880 mm/ 970 mm		880 mm/ 970 mm		880 mm/ 970 mm	
Tires	18x8.5-8 (6-ply rated high-quality tire)		18x8.5-8 (6-ply rated high-quality tire)		18x8.5-8 (6-ply rated high-quality tire)	
Power system						
Voltage	Motor	Controller	Battery		Charger	
48 V	4 kW, 5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery		HIO onboard charger	
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	4000 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3500 mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					



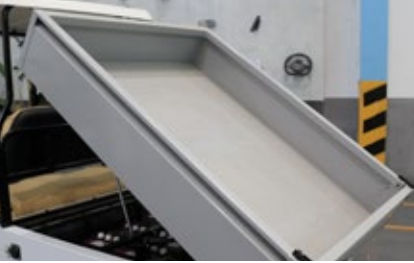
Multifunctional centre console



Optional comfortable seats



Onboard charger



Extra large aluminum cargo box



House-keeping cart

Engineering vehicle series

POWERFUL FUNCTIONALITY
PROFESSIONAL
AND EFFICIENT

- 48 V-AC system
- Using HIO independently developed onboard charger
- 4 kW, 5 kW motor
- Optional front basket
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional aluminum alloy wheels (8 inches, 10 inches 12 inches)
- Optional light kit (turn signals, headlights, driving lights)
- Optional vehicle start-stop system

· Customizable body color



Model	A2 House-keeping cart	B2 House-keeping cart
Load/dimensions		
Rated load	390 kg	390 kg
Vehicle weight (lead-acid battery)	685 kg	685 kg
Vehicle weight (lithium battery)	553 kg	553 kg
Total length	2895 mm	2895 mm
Total width	1210 mm	1210 mm
Total height	1760 mm	1760 mm
Number of passengers	2-Passenger	2-Passenger
Minimum ground clearance	120 mm	120 mm
Wheelbase	2453 mm	2453 mm
Front/rear wheel track	880 mm/ 970 mm	880 mm/ 970 mm
Tires	18x8.5-8 (6-ply rated high-quality tire)	18x8.5-8 (6-ply rated high-quality tire)

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	4 kW, 5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	4000 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3500 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Multifunctional centre console



Optional comfortable seats



Onboard charger



Aluminum alloy cargo box

LUXURIOUS SPACE

FLEXIBLE AND

CONVENIENT

- 48 V-AC system
- Using HIO independently developed onboard charger
- 4 kW, 5 kW motor
- Optional front basket
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional aluminum alloy wheels (8 inches, 10 inches 12 inches)
- Optional light kit (turn signals, headlights, driving lights)
- Optional vehicle start-stop system

· Customizable body color



Model	A2 Vending cart	B2 Vending cart
Load/dimensions		
Rated load	320 kg	320 kg
Vehicle weight (lead-acid battery)	780 kg	780 kg
Vehicle weight (lithium battery)	640 kg	640 kg
Total length	3390 mm	3390 mm
Total width	1210 mm	1210 mm
Total height	1780 mm	1780 mm
Number of passengers	2-Passenger	2-Passenger
Minimum ground clearance	120 mm	120 mm
Wheelbase	2453 mm	2453 mm
Front/rear wheel track	880 mm/ 970 mm	880 mm/ 970 mm
Tires	18x8.5-8 (6-ply rated high-quality tire)	18x8.5-8 (6-ply rated high-quality tire)

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	4 kW, 5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	4000 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3500 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Multifunctional centre console



Optional comfortable seats



Drawer-type storage with lid



Multifunctional classification space

SAFE RESCUE
EVERY SECOND COUNTS

- 48 V-AC system
- Using HIO independently developed onboard charger
- 4 kW, 5 kW motor
- Optional front basket
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional aluminum alloy wheels (8 inches, 10 inches 12 inches)
- Optional light kit (turn signals, headlights, driving lights)
- Optional vehicle start-stop system

· Customizable body color



Model	A2 Ambulance	B2 Ambulance
Load/dimensions		
Rated load	260 kg	260 kg
Vehicle weight (lead-acid battery)	600 kg	600 kg
Vehicle weight (lithium battery)	460 kg	460 kg
Total length	3065 mm	3065 mm
Total width	1280 mm	1280 mm
Total height	2000 mm	2000 mm
Number of passengers	2-Passenger	2-Passenger
Minimum ground clearance	120 mm	120 mm
Wheelbase	1673 mm	1673 mm
Front/rear wheel track	880 mm/ 970 mm	880 mm/ 970 mm
Tires	18x8.5-8 (6-ply rated high-quality tire)	18x8.5-8 (6-ply rated high-quality tire)

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	4 kW, 5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	2900 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤3000 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Rescue siren



Emergency rescue stretcher



Ergonomic and comfortable seats



Lockable medicine box

GALLOP THE MOUNTAINS

ENJOY THE SPEED

- Maximum speed 45 km/h
- 1.2 kW motor
- Ternary lithium battery
- External rotor hub motor
- 2 PCS head light (12 V 5 W)
- Climbing angle 40°
- Rear wheel drive
- Four-wheel hydraulic disc brake
- Steering column can be folded twice in steps
- Optional seat
- Optional trailer



Model	ATS L2	ATS H2	ATS H4
Parameters			
Range	60 km	90 km	80 km
Max speed	35 km/h	40 km/h	45 km/h
Loading capacity	170 kg	170 kg	200 kg
Net weight	110 kg	120 kg	130 kg
Gross weight of the vehicle after packing	135 kg	138 kg	155 kg
Tires	19x6-10	22x7-10	22x7-10
Track	620 mm	620 mm	620 mm
Wheelbase	1130 mm	1130 mm	1130 mm
Approach angle/departure angle	90°/90°	90°/90°	90°/90°
Height after folding	670 mm	710 mm	710 mm
Dimensions	1620*760*1300 mm	1710*800*1350 mm	1710*800*1350 mm
Vehicle packaging box size	1650*770*750 mm	1650*770*750 mm	1650*770*750 mm

Power system			
Battery	60 V 30 Ah	60 V 45 Ah	60 V 45 Ah
Battery weight	9.3 kg	13.03 kg	13.03 kg
Battery operating temperature	-22°C-55°C	-22°C-55°C	-22°C-55°C
Battery energy	1.8 kWh	2.7 kWh	2.7 kWh
Continuous working current	60 A	120 A	120 A
Rated speed	500 r/min	500 r/min	500 r/min
Rated torque	70 N.m	70 N.m	70 N.m
Motor weight	6.5 kg	6.5 kg	6.5 kg
Motor operating temperature	-25°C-60°C	-25°C-60°C	-25°C-60°C
Motor working noise	≤65 dB	≤65 dB	≤65 dB
Controller output voltage	48-72 V	48-72 V	48-72 V
Charger output parameters	5	8	8



LED front lights



Optional seat, foldable



Center shock absorber



Four-wheel hydraulic disc brake

EXTRAORDINARY POWER

COMFORTABLE

AND CONVENIENT

- 48 V-AC system
- Using HIO independently developed onboard charger
- 5 kW motor
- Wireless charger
- Optional front basket
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (8 inches, 10 inches, 12 inches)
- Optional light kit (turn signals, headlights, driving lights)
- Optional vehicle start-stop system

Customizable body color



Model	A6 Standard	A6 PLUS
Load/dimensions		
Rated load	550 kg	650 kg
Vehicle weight (lead-acid battery)	640 kg	700 kg
Vehicle weight (lithium battery)	508 kg	568 kg
Total length	3690 mm	4275 mm
Total width	1190 mm	1190 mm
Total height	1900 mm	1900 mm
Number of passengers	6-Passenger	8-Passenger
Minimum ground clearance	120 mm	120 mm
Wheelbase	3240 mm	3240 mm
Front/rear wheel track	885 mm/ 970 mm	885 mm/ 970 mm
Tires	18x8.5-8 (6-ply rated high-quality tire)	18x8.5-8 (6-ply rated high-quality tire)

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	5000 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤4000 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



Round electric meter



Carbon fiber pattern flat-bottomed steering wheel



Ergonomic and comfortable seats



High-brightness energy-saving tail lights

CONSTANTLY MOVING

FREELY ROAMING

- 48 V-AC system
- Using HIO independently developed onboard charger
- 5 kW motor
- Optional wireless charger
- Optional front basket
- Optional battery (lead-acid battery, lithium battery)
- Optional electromagnetic parking brake
- Optional luxury seats and luxury steering wheel
- Optional LCD screen
- Optional aluminum alloy wheels (8 inches, 10 inches, 12 inches)
- Optional light kit (turn signals, headlights, driving lights)
- Optional vehicle start-stop system

Customizable body color



Model	B6 Standard	B6 PLUS
Load/dimensions		
Rated load	550 kg	650 kg
Vehicle weight (lead-acid battery)	640 kg	700 kg
Vehicle weight (lithium battery)	508 kg	568 kg
Total length	3690 mm	4275 mm
Total width	1190 mm	1190 mm
Total height	1900 mm	1900 mm
Number of passengers	6-Passenger	8-Passenger
Minimum ground clearance	120 mm	120 mm
Wheelbase	3240 mm	3240 mm
Front/rear wheel track	885 mm/ 970 mm	885 mm/ 970 mm
Tires	18x8.5-8 (6-ply rated high-quality tire)	18x8.5-8 (6-ply rated high-quality tire)

Power system				
Voltage	Motor	Controller	Battery	Charger
48 V	5 kW	HIO	6 PCS 8 V deep cycle lead-acid batteries / 105-150 Ah lithium battery	HIO onboard charger

Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30 km/h	80-100 km (no load)	5000 mm	Bidirectional push pinion and rack steering gear box	MacPherson independent suspension	Variable cross-section spring steel plate and damper	≤4000 mm

Vehicle color	
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red
Standard seat color	Beige



High-brightness energy-saving LED headlight



Front storage basket



Strong braking force and fast braking response



Large-capacity battery pack

14 seater

Sightseeing car series

LUXURIOUS SPACE WITH UNOBSTRUCTED VIEWS



· 14 Seater closed

- Optional LCD screen
- Optional battery (trojan battery, lithium battery)
- Optional reversing camera
- Optional closed sightseeing car
- Optional air conditioner
- Optional individual seats

· 14 Seater

Model	8 Seater	11 Seater	14 Seater	17 Seater	23 Seater
Load/dimensions					
Rated load	624 kg	858 kg	1090 kg	1326 kg	1794 kg
Vehicle weight (lead-acid battery)	1050 kg	1250 kg	1300 kg	1550 kg	1840 kg
Total length	3900 mm	4650 mm	4950 mm	5700 mm	6180 mm
Total width	1500 mm	1500 mm	1500 mm	1500 mm	1840 mm
Total height	2050 mm	2050 mm	2050 mm	2050 mm	2150 mm
Number of passengers	8-Passenger	11-Passenger	14-Passenger	17-Passenger	23-Passenger
Turning radius	4800 mm	5200 mm	5500 mm	5500 mm	5500 mm
Wheelbase	2005 mm	2005 mm	2740 mm	3490 mm	3700 mm
Front/rear wheel track	1285/1325 mm	1285/1325 mm	1285/1325 mm	1285/1325 mm	1575/1565 mm
Tires	165/70R13C	165/70R13C	165/70R13C	165/70R13C	185/70R14C

Power system					
Voltage	Motor	Controller	Battery	Charger	Charging time
72 V	7.5 kW	HIO	12 PCS 6 V deep cycle lead acid batteries	HIO onboard charger	8-10 h

Vehicle performance	
Speed range	8-30 km/h
Range	100 km
Minimum ground clearance	340 mm
Braking distance	5000 mm
Maximum grade	20°
Steering system	Dual output steering gear + electric power steering
Front suspension	MacPherson independent suspension
Rear suspension	Leaf spring non-independent suspension
Body structure	Sheet metal stampings + aluminum profile frame + plastic covering
Braking system	Front disc and rear drum + hydraulic dual lines + vacuum booster



Multifunctional centre console



HD instrument panel



Storage space



Rear charging port