



WUXI HIO SPECIAL VEHICLE CO.,LTD

HiOEV

SECOLO
Just Professional

HiOPTV

HiOCART

Company Profile

Wuxi HIO Special Vehicle Co., Ltd. is a modern high-tech enterprise that can independently develop, manufacture and sell four-wheel electric vehicles globally. The core team of HIO has served many well-known brands in the industry from design to research and development, and has been committed to the research, development, technology and services of products. It provides high-quality electric sightseeing cars, electric patrol cars, electric golf carts, electric cargo cart,, electric house-keeping carts, electric UTVs, 4-wheel electric scooters, scenic spot code scanning carts, driverless service vehicles, sanitation vehicles, cleaning vehicles, off-road vehicles and other vehicles for golf courses, tourist attractions, communities, industrial parks, schools, buildings, hotels, large factories and other places. Various special-purpose electric models can be customized according to customer needs. The company adheres to the path of independent research and development and professional customization.

The factory covers an area of 50,000 square meters, including a test site under construction, and has an annual production capacity of about 30,000 units. The factory has global sales and technical after-sales service capabilities. The company pursues the management philosophy of "adopting a people-oriented, customer-oriented approach" to unify employees' personal values and corporate values.

It has created a corporate culture centered on the pursuit of quality and integrity.

It promises to every customer to resolve users' worries with high-quality and complete after-sales service system, improve product quality, and reach the world with professional services.

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Welcome To HIO Special Vehicle

The team adheres to more than 20 years' experience of design, manufacturing, and 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
Reverse image, turn signal
Volume adjustment, Bluetooth connectivity to multimedia, etc



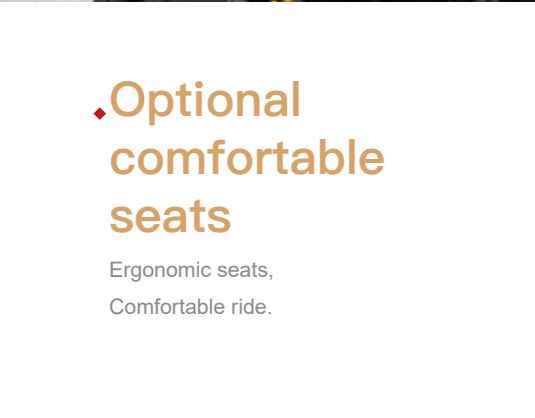
◆ Intelligent control system

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



◆ Mobile phone wireless charging

Hidden wireless charging, Effectively protect your phone, More convenient placement and charging.



◆ Optional comfortable seats

Ergonomic seats, Comfortable ride.



◆ Electromagnetic brake

Optional electromagnetic parking
Convenient, fast, and safer.



◆ Optional aluminum alloy wheels

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



◆ Optional front basket

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



◆ Lithium Ion 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 onboard cooler

A perfect solution for a Tee Time cold drink



◆ Optional brush guard

High-strength carbonized brush guard for safety and aesthetics



◆ Vehicle start-stop system

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



A2

Comfortable golf carts



·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 people		2 people			
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	
48V	4KW, 5KW	HIO	6 PCS 8V deep cycle lead-acid batteries/ 105-160Ah lithium battery		HIO onboard charger	
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30km	80-100km (no load)	2900mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤3000mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system 4KW motor		Using HIO independently developed onboard charger			
Optional configuration	Optional battery (lead-acid battery, lithium battery) Optional speed meter Optional electromagnetic parking brake Optional luxury seats and luxury steering wheel Optional LCD screen 5KW motor		Optional aluminum alloy wheels (8 inches, 10 inches, 12 inches) Wireless charger Optional light kit(turn signals, headlights, driving lights) Vehicle start-stop system Front basket			



Optional onboard cooler



Optional comfortable seats



Mobile phone wireless charging



Automotive grade LCD car multimedia screen

A2 PLUS

Comfortable golf carts



· 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 people		4 people			
Minimum ground clearance	120 mm		150 mm			
Wheelbase	1673 mm		1685 mm			
Front/rear wheel track	880 mm/ 990 mm		1010mm/ 990mm			
Tires	215/35-12 or 225/30-14		22*11.00-12 or 23*10-14			
Power system						
Voltage	Motor	Controller	Battery	Charger		
48V	4KW,5KW	HIO	6 PCS 8V deep cycle lead-acid batteries/ 105-160Ah lithium battery	HIO onboard charger		
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-40km	80-100km (no load)	2980mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤3000mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system 4KW motor		Using HIO independently developed onboard charger Light kit(turn signals, headlights, driving lights)			
Optional configuration	Optional battery (lead-acid battery, lithium battery) Optional electromagnetic parking brake Optional luxury seats and luxury steering wheel Optional LCD screen Sound Bar		Optional aluminum alloy wheels (12 inches, 14 inches) Wireless charger Vehicle start-stop system Back-up camera 5KW motor			



Multifunctional instrument panel



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



Large-capacity battery pack



Comfortable, ergonomic rear seat with hidden storage space

B2

Comfortable golf carts



· 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 people		2 people			
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	
48V	4KW, 5KW	HIO	6 PCS 8V deep cycle lead-acid batteries/ 105-160Ah lithium battery		HIO onboard charger	
Vehicle performance						
SpeSed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30km	80-100km	2900mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤3000mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system 4KW motor		Using HIO independently developed onboard charger			
Optional configuration	Optional battery (lead-acid battery, lithium battery) Optional speed meter Optional electromagnetic parking brake Optional luxury seats and luxury steering wheel Optional LCD screen 5KW motor		Optional aluminum alloy wheels (8 inches, 10 inches, 12 inches) Wireless charger Optional light kit(turn signals, headlights, driving lights) Vehicle start-stop system Front basket			



High-brightness energy-saving LED headlight



Multi-function center console



Optional comfortable seats



Handy sand bottle

B2 PLUS

Comfortable golf carts



· 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 people		4 people			
Minimum ground clearance	120 mm		150 mm			
Wheelbase	1673 mm		1685 mm			
Front/rear wheel track	880 mm/ 990 mm		1010mm/ 990mm			
Tires	215/35-12 or 225/30-14		22*11.00-12 or 23*10-14			
Power system						
Voltage	Motor	Controller	Battery	Charger		
48V	4KW,5KW	HIO	6 PCS 8V deep cycle lead-acid batteries/ 105-160Ah lithium battery	HIO onboard charger		
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-40km	80-100km (no load)	2980mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤3000mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system 4KW motor		Using HIO independently developed onboard charger Light kit(turn signals, headlights, driving lights)			
Optional configuration	Optional battery (lead-acid battery, lithium battery)		Optional aluminum alloy wheels (12 inches, 14 inches)			
	Optional electromagnetic parking brake		Wireless charger			
	Optional luxury seats and luxury steering wheel		Vehicle start-stop system			
	Optional LCD screen		Back-up camera			
	Sound Bar		5KW motor			



Multifunctional instrument panel



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



Large-capacity battery pack



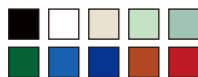
Comfortable, ergonomic rear seat with hidden storage space

B4

Comfortable golf carts



·Customizable body color



Model	B4 Standard	B4+CSA	B4 PLUS			
Load/dimensions						
Rated load	370 kg	500 kg	540 kg			
Vehicle weight (lead-acid battery)	580 kg	600 kg	610 kg			
Vehicle weight (lithium battery)	448 kg	468 kg	478 kg			
Total length	3190 mm	3740 mm	3500 mm			
Total width	1190 mm	1190 mm	1190 mm			
Total height	1900 mm	1900 mm	1900 mm			
Number of passengers	4 people	4 people	6 people			
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		
48V	5KW	HIO	6 PCS 8V deep cycle lead-acid batteries/ 105-160Ah lithium battery	HIO onboard charger		
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30km	80-100km (no load)	4000mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤3400mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system AC 5KW motor		Using HIO independently developed onboard charger			
Optional configuration	Optional battery (lead-acid battery, lithium battery)		Optional aluminum alloy wheels (8 inches, 10 inches, 12 inches)			
	Optional speed meter		Wireless charger			
	Optional electromagnetic parking brake		Optional light kit(turn signals, headlights, driving lights)			
	Optional luxury seats and luxury steering wheel		Vehicle start-stop system			
	Optional LCD screen		Front basket			



Folding front windshield



Carbon fiber pattern flat-bottomed steering wheel



Ergonomic and comfortable seats



Integrated folding club and bag holder

B6

Comfortable golf carts



·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	3960 mm		4275 mm			
Total width	1190 mm		1230 mm			
Total height	1900 mm		1900 mm			
Number of passengers	6 people		8 people			
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		
48V	5KW	HIO	6 PCS 8V deep cycle lead-acid batteries/ 105-160Ah lithium battery	HIO onboard charger		
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30km	80-100km (no load)	5000 mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤4000mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system AC 5KW motor		Using HIO independently developed onboard charger			
Optional configuration	Optional battery (lead-acid battery, lithium battery) Optional speed meter Optional electromagnetic parking brake Optional luxury seats and luxury steering wheel Optional LCD screen		Optional aluminum alloy wheels (8 inches, 10 inches, 12 inches) Wireless charger Optional light kit(turn signals, headlights, driving lights) Vehicle start-stop system Front basket			



High capacity battery pack



Onboard charger



Carbon fiber pattern flat-bottomed steering wheel



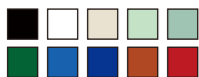
Ergonomic and comfortable seats

FA4

Comfortable golf carts



· Customizable body color



Model	F4		F4 Lifted			
Load/dimensions						
Rated load	350 kg		350 kg			
Vehicle weight (lead-acid battery)	500 kg		520 kg			
Vehicle weight (lithium battery)	360 kg		380 kg			
Total length	2791 mm		2791 mm			
Total width	1338 mm		1338 mm			
Total height	1967 mm		2067 mm			
Number of passengers	4 people		4 people			
Minimum ground clearance	120 mm		150 mm			
Wheelbase	2050 mm		2050 mm			
Front/rear wheel track	880 mm/ 990 mm		1010mm/ 990mm			
Tires	215/35-12 or 225/30-14		22*11.00-12 or 23*10-14			
Power system						
Voltage	Motor	Controller	Battery	Charger		
48V	5KW	HIO	125Ah/210Ah lithium battery	HIO onboard charger		
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-40km	80-100km (no load)	3800 mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤3400mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system AC 5KW motor		Using HIO independently developed onboard charger Light kit(turn signals, headlights, driving lights)			
Optional configuration	Optional electromagnetic parking brake Optional luxury seats and luxury steering wheel Optional LCD screen Back-up camera Sound Bar		Optional aluminum alloy wheels (12 inches, 14 inches) Wireless charger Vehicle start-stop system			



Fixed foot pedal



Multifunctional instrument panel



Energy-saving high-bright LED tail light



Lockable trunk storage box

FB4

Comfortable golf carts



·Customizable body color



Model	FB4		FB4 Lifted			
Load/dimensions						
Rated load	350 kg		350 kg			
Vehicle weight (lead-acid battery)	500 kg		520 kg			
Vehicle weight (lithium battery)	360 kg		380 kg			
Total length	2791 mm		2791 mm			
Total width	1338 mm		1338 mm			
Total height	1967 mm		2067 mm			
Number of passengers	4 people		4 people			
Minimum ground clearance	120 mm		150 mm			
Wheelbase	2050 mm		2050 mm			
Front/rear wheel track	880 mm/ 990 mm		1010mm/ 990mm			
Tires	215/35-12 or 225/30-14		22*11.00-12 or 23*10-14			
Power system						
Voltage	Motor	Controller	Battery	Charger		
48V	5KW	HIO	125Ah/210Ah lithium battery	HIO onboard charger		
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-40km	80-100km (no load)	3800 mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤3400mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system AC 5KW motor		Using HIO independently developed onboard charger Light kit(turn signals, headlights, driving lights)			
Optional configuration	Optional electromagnetic parking brake Optional luxury seats and luxury steering wheel Optional LCD screen Back-up camera Sound Bar		Optional aluminum alloy wheels (12 inches, 14 inches) Wireless charger Vehicle start-stop system			



Left rear view



Multifunctional instrument panel



Mobile phone wireless charging



Vehicle start-stop system

C2 PLUS

Comfortable golf carts



· 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		470kg			
Total length	2970 mm		2970 mm			
Total width	1230 mm		1230 mm			
Total height	1900 mm		2060 mm			
Number of passengers	4 people		4 people			
Minimum ground clearance	120 mm		150 mm			
Wheelbase	1673 mm		1685mm			
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		
48V	4KW,5KW	HIO	6 PCS 8V deep cycle lead-acid batteries/ 105-160Ah lithium battery	HIO onboard charger		
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-40km	80-100km (no load)	2980mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤3000mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system 4KW motor		Using HIO independently developed onboard charger Light kit(turn signals, headlights, driving lights)			
Optional configuration	Optional battery (lead-acid battery, lithium battery) Optional electromagnetic parking brake Optional luxury seats and luxury steering wheel Optional LCD screen Sound Bar		Optional aluminum alloy wheels (12 inches, 14 inches) Wireless charger Vehicle start-stop system Back-up camera 5KW motor			



Multifunctional instrument panel



Vehicle start-stop system



High performance aluminum alloy sports wheels



Comfortable, ergonomic rear seat with hidden storage space

HIOEV Utility

Special purpose vehicles



·Customizable body color



-Shuttle A/B aluminum cargo box
Aluminum cargo box size:1478*1145*270mm



-Shuttle A/B wooden cargo box
Wooden cargo box size:1505*1180*310mm



-Shuttle A/B cargo deck
Cargo box size:1735*1160*350mm

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		550kg	
Total length	3290 mm		3250 mm		3580 mm	
Total width	1204 mm		1204 mm		1204 mm	
Total height	1790 mm		1790 mm		1790 mm	
Cargo box volume	426 L		550 L		704L	
Number of passengers	2 people		2 people		2 people	
Minimum ground clearance	120 mm		120 mm		120 mm	
Wheelbase	1673 mm		1673 mm		1673 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	
48V	5KW	HIO	6 PCS 8V deep cycle lead-acid batteries/ 105-160Ah lithium battery		HIO onboard charger	
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30km	80-100km (no load)	4000mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤3500mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system AC 5KW motor		Using HIO independently developed onboard charger			
Optional configuration	Optional battery (lead-acid battery, lithium battery) Optional speed meter Optional electromagnetic parking brake Optional luxury seats and luxury steering wheel		Optional aluminum alloy wheels (8 inches, 10 inches) Optional light kit(turn signals, headlights, driving lights) Vehicle start-stop system Front basket			



Multifunctional instrument panel



Optional comfortable seats



Onboard charger



Extra large aluminum cargo box

HIOEV Vending cart

Special purpose vehicles



·Customizable body color



Model	A2 Vending cart		B2 Vending cart			
Load/dimensions						
Rated load	390 kg		390 kg			
Maximum load of cargo box	240 kg		240 kg			
Vehicle weight (lead-acid battery)	630 kg		630 kg			
Vehicle weight (lithium battery)	500 kg		500 kg			
Total length	3290 mm		3250 mm			
Total width	1204 mm		1204 mm			
Total height	1790 mm		1790 mm			
Cargo box volume	426 L		426 L			
Number of passengers	2人		2人			
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 (六层优质胎面)		18x8.5-8 (六层优质胎面)			
Power system						
Voltage	Motor	Controller	Battery	Charger		
48V	5KW	HIO	6 PCS 8V deep cycle lead-acid batteries/ 105-160Ah lithium battery	HIO onboard charger		
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30km	80-100km (no load)	4000mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤3500mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system AC 5KW motor		Using HIO independently developed onboard charger			
Optional configuration	Optional battery (lead-acid battery, lithium battery)		Optional aluminum alloy wheels (8 inches, 10 inches)			
	Optional speed meter		Optional light kit(turn signals, headlights, driving lights)			
	Optional electromagnetic parking brake		Vehicle start-stop system			
	Optional luxury seats and luxury steering wheel		Front basket			



Multifunctional instrument panel



Optional comfortable seats



Drawer-type storage with lid



Multifunctional classification space

HIOEV/Scooters

Multifunctional sports and leisure vehicles



· Optional seats

· Optional trailer



Parameter	ATS-L2	ATS-H2	ATS-H4
Range km	60	90	80
Maximum speed km/h	45	45	45
Loading capacity kg	170	170	200
Net weightkg	110	120	130
Battery	60V30Ah	60V45Ah	60V45Ah
Tire	19X6-10	22X7-10	22X7-10
Climbing angle	40	40	40
Drive form	Rear wheel drive	Rear wheel drive	four-wheel drive
Headlight	12V5W 2 pcs	12V5W 2 pcs	12V5W 2 pcs
Dimensions cm	162X76X130	171X80X135	171X80X135
Wheelbase cm	113	113	113
Wheelbase cm	62	62	62
Height after folding cm	67	71	71
Steering column	Can be folded twice in steps	Can be folded twice in steps	Can be folded twice in steps
Approach angle	90°	90°	90°
Departure angle	90°	90°	90°
Brake	Four-wheel hydraulic disc brake	Four-wheel hydraulic disc brake	Four-wheel hydraulic disc brake
Cell type	Ternary lithium battery	Ternary lithium battery	Ternary lithium battery
Battery energy KW.h	1.8	2.7	2.7
Battery weight kg	9.3	13.03	13.03
Battery operating temperature	(-22°C-55°C)	(-22°C-55°C)	(-22°C-55°C)
Continuous working current A	60	120	120
Motor form	External rotor hub motor	External rotor hub motor	External rotor hub motor
Motor quantity	2	2	4
Rated speed r/min	500	500	500
Rated torque Nm	70	70	70
Motor weight kg	6.5	6.5	6.5
Motor operating temperature	(-25°C-60°C)	(-25°C-60°C)	(-25°C-60°C)
Motor working noise dB	≤65	≤65	≤65
Controller output voltage VDC	48-72	48-72	48-72
Charger output parameters	5	8	8
Vehicle packaging box size cm	165X77X75	165X77X75	165X77X75
Gross weight of the vehicle after packing (kg)	135	138	155
20 feet container	24台	24台	24台
40 feet container	50台	50台	50台



Folding seat



LED front lights



Center shock absorber



Four-wheel hydraulic disc brake

HIOEV

Sightseeing cars



Model	8passenger	11passenger	14 passenger	17passenger (enclosed)	23 passenger (enclosed)
Total weight	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 人	11 人	14 人	17 人	23 人
Minimum ground clearance	340 mm	340 mm	340 mm	340 mm	340 mm
Wheelbase	2005 mm	2740 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

Model	8passenger	11passenger	14passenger	17passenger (enclosed)	23 passenger (enclosed)
System voltage	AC 48-72V	AC 48-72V	AC 72V	AC 72V	AC 72-96V
Charging time	8-10 h	8-10 h	8-10 h	8-10 h	8-10 h
Speed range	8-30 KM	8-30 KM	8-30 KM	8-30 KM	8-30 KM
Range	100 km	100 km	100 km	100 km	100 km
Minimum turning radius	4800 mm	5200 mm	5500 mm	5500 mm	5500 mm
Tires	165/70R13C	165/70R13C	165/70R13C	165/70R13C	185/70R14C
Braking distance	5000 mm	5000 mm	5000 mm	5000 mm	5000 mm
Maximum grade	20°	20°	20°	20°	20°

THANKS

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SECOLO House-keeping cart

Special purpose vehicles



· Customizable body color



Model	A2 House-keeping cart		B2 House-keeping cart			
Load/dimensions						
Rated load	390 kg		390 kg			
Maximum load of cargo box	240 kg		240 kg			
Vehicle weight (lead-acid battery)	630 kg		630 kg			
Vehicle weight (lithium battery)	500 kg		500 kg			
Total length	3290 mm		3250 mm			
Total width	1204 mm		1204 mm			
Total height	1790 mm		1790 mm			
Cargo box volume	426 L		426 L			
Number of passengers	2人		2人			
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 (六层优质胎面)		18x8.5-8 (六层优质胎面)			
Power system						
Voltage	Motor	Controller	Battery	Charger		
48V	5KW	HIO	6 PCS 8V deep cycle lead-acid batteries/ 105-160Ah lithium battery	HIO onboard charger		
Vehicle performance						
Speed range	Range	Turning radius	Steering system	Front suspension	Rear suspension	Braking distance
8-30km	80-100km (no load)	4000mm	Bidirectional push pinion and rack	MacPherson independent suspension	Variable cross-section leaf springs and	≤3500mm
Vehicle color						
Standard body color	Black, white, ivory, turquoise, wormwood green, forest green, sky blue, electric blue, orange, Dior red					
Standard seat color	Beige					
Vehicle configuration						
Standard configuration	48V-AC system AC 5KW motor		Using HIO independently developed onboard charger			
Optional configuration	Optional battery (lead-acid battery, lithium battery)		Optional aluminum alloy wheels (8 inches, 10 inches)			
	Optional speed meter		Optional light kit(turn signals, headlights, driving lights)			
	Optional electromagnetic parking brake		Vehicle start-stop system			
	Optional luxury seats and luxury steering wheel		Front basket			



Multifunctional instrument panel



Optional comfortable seats



Onboard charger



Aluminum alloy cargo box

Number of passengers

2人

2人