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NEO CART₂₀₂₅



DS-SOLO

Experience Innovation, Lead the Future

It is a considerate caddy on the golf course.
It is a convenient vehicle for commuting.
A single-player golf cart
Equipped with cutting-edge AI technology,
automatic following,
intelligent learning,
and rich configurations,
bring you a comfortable driving experience.

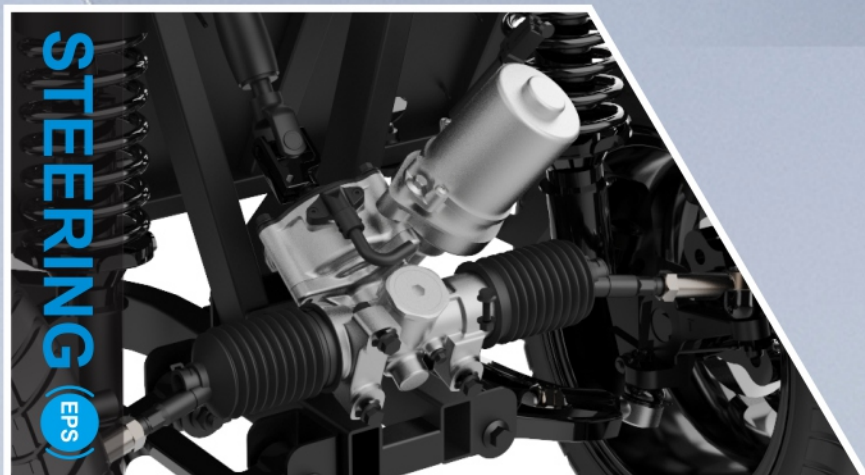


UNIQUE CONFIGURATION

- 1 ECU+VCU dual-core brain
- 2 EPS electronic power steering
- 3 Electromagnetic brake 20N·m
- 4 48V/300A permanent magnet synchronous controller
- 5 48V/3KW permanent magnet synchronous motor
- 6 51.2V 50AH lithium iron phosphate battery
- 7 DOT certified folding windshield
- 8 Colorful multimedia touch display screen
- 9 All aluminum parking function Hall accelerator
- 10 12 inch aluminum alloy wheels
- 11 Intelligent car-charger
- 12 Type-C charging+USB data import
- 13 Multi-function Switch
- 14 High definition reversing camera
- 15 crv
- 16 IP66 full range 5-inch coaxial High-fidelity speaker
- 17 Sports golf cart specific steering wheel
- 18 DOT certified two-point seat belt
- 19 LED headlights/taillights
- 20 Adjustable rearview mirror
- 21 Mid mounted wide-angle rearview mirror
- 22 Folding ball bag cover/dust cover
- 23 Heated thermostatic seat
- 24 Automotive grade leather seats
- 25 Multi functional storage basket
- 26 Embedded storage box
- 27 Ball grid, cup holder
- 28 Ball washer
- 29 incubator
- 30 Sand bottle

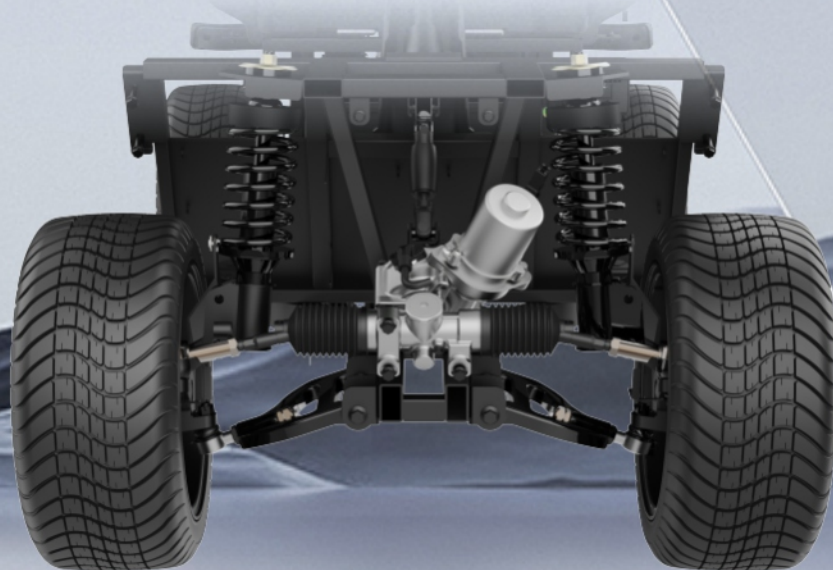


EXCELLENT CHASSIS CONFIGURATION



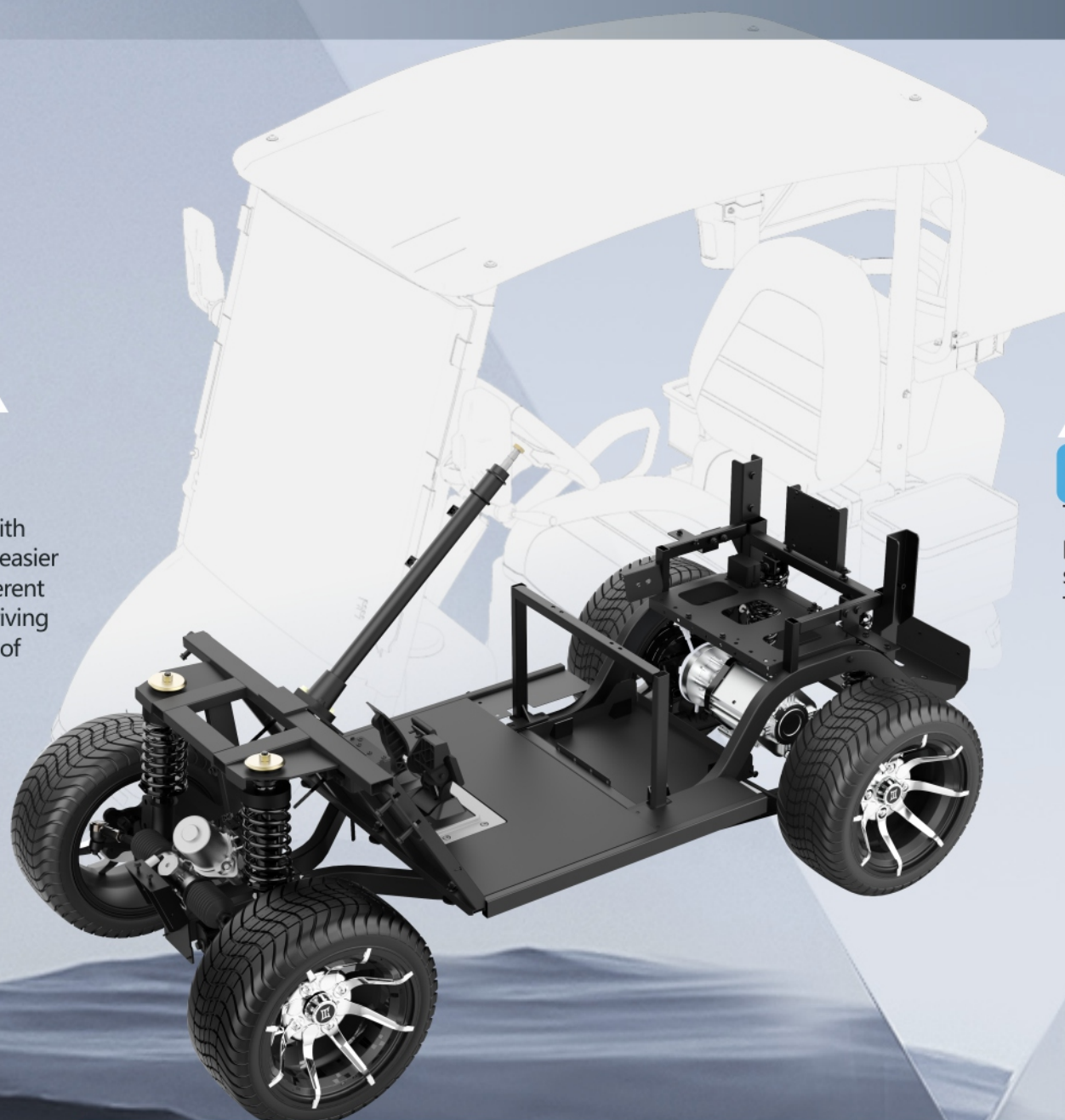
Intelligent Steering

DS02 comes standard with an **EPS electronic power steering system**, featuring a mid-mounted dual-way rack-and-pinion steering system with automatic adjustment. The gap compensation function makes driving easier for passengers, provides passengers with different steering feel at different speeds, coupled with the active return-to-center function, enhances driving pleasure and provides support for the DS02 AI.system the foundation of automatic steering.



Front suspension: **MacPherson independent suspension**, spiral spring+cylinder hydraulic shock absorber, adjustable toe-in and tilt angle.

Rear suspension: **trailing arm+balance bar**+coil spring+cylinder hydraulic shock absorber.
Enhances vehicle body stability, reduces body roll, and maintains ride comfort.



Perfect driving control, safe and comfortable, high-strength chassis

Automotive grade SPHC material, rigorous spraying process, durable and long-lasting



Brake System

The rear drum brake system features an all-aluminum brake pedal with parking function. It effectively isolates rainwater, sediment, and dust, reducing external corrosion and pollution. This design protects lawns when used on golf courses.

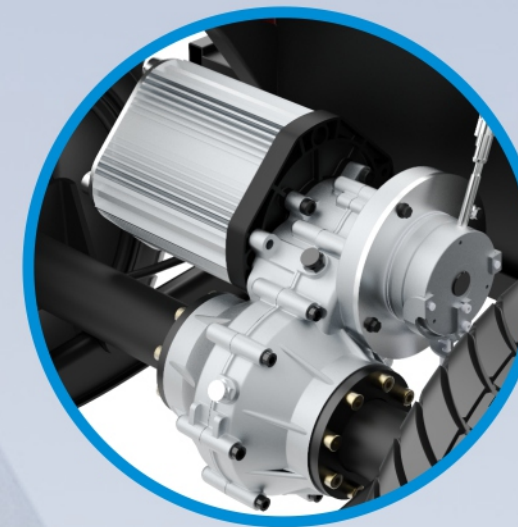


12inch aluminum alloy high-strength wheel hub
DOT certification: 215/35-12 (4-Ply Rated) tire

POWER - BATTERY

Battery

The DS series models are equipped with a **51.2V50AH lithium iron phosphate battery** and come standard with a 48V 20AH car mounted intelligent charger for charging time of less than 3 hours and a range of **30 miles** not only meet commuting needs, but also improve the efficiency of golf course operations. The excellent battery management system makes the battery more durable. Bluetooth connectivity enables real-time battery monitoring via mobile app.



Efficient power+AI system

DS provides a **48V3KW permanent magnet synchronous power system** and is equipped with a 48V/300A permanent magnet synchronous high-computing-power controller, with a maximum speed of up to 16mph. The excellent response mechanism of high computing power controllers provides users with safety assurance and driving pleasure during their travels. DS02 is equipped with a high computing power **ECU-VCU** dual core brain, providing precise instructions for EPS system and MCU, providing golf enthusiasts with Providing a comfortable driving experience.

DASHBOARD

MULTI-FUNCTIONAL



Huai brand combination switch design gives your car a Mercedes-Benz-level driving experience.

MULTIMEDIA TOUCH SCREEN



Multi-functional interface



Radio



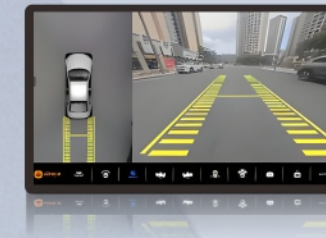
In-car music playback



Apple CarPlay



Android Auto



Reverse image



Vehicle navigation

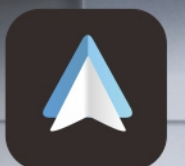


Multi-Color Illuminated Function Keys

The multimedia system features a high-resolution touch screen display with physical buttons, supporting CarPlay/Android Auto. Integrated Bose audio delivers premium video and audio playback.



Apple Carplay



Android Auto

LED LIGHTING

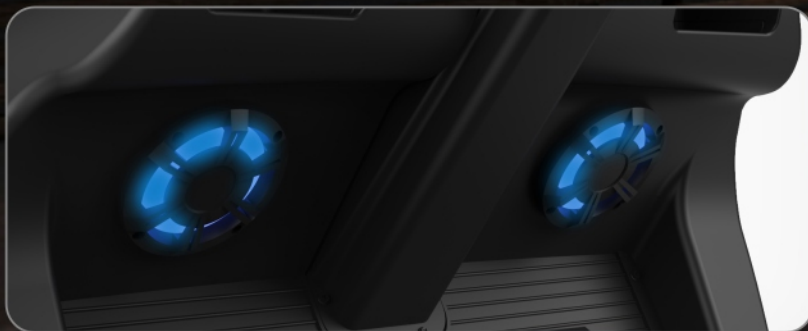
ILLUMINATE YOUR JOURNEY, RADIANT DESIGN, LASTING IMPACT!



The through-type LED strip and left and right LED headlights form an intelligent light sensing system. When night falls, precise beams cut through the darkness, capturing obstacles, anchoring directions, and allowing vehicles become light signal sources, safeguarding travel safety with technology.



Simple and stylish LED taillight system with integrated flowing turn signals, low-intensity position lamps, and high-brightness brake lights. Accurately transmits braking and steering status in low-visibility environments. Reverse gear and other dynamic data trigger rear warnings to safeguard safety.



5-inch IP66 waterproof speaker with excellent sound quality, rich bass and transparent treble; Colorful lights flicker with the rhythm of the melody, creating a unique atmosphere for outdoor scenes and opening up a unique music experience.



Elevate your visibility with Neo Cart advanced LED lighting system! Featuring a luminous logo, powerful LED headlights, and sleek taillights, each element is meticulously designed to enhance your ride. The distinctively high-positioned rear logo ensures you make a bold statement wherever you go. Light up your journey with unmatched style and confidence!

PERSONAL CART

(MODEL:DS01)

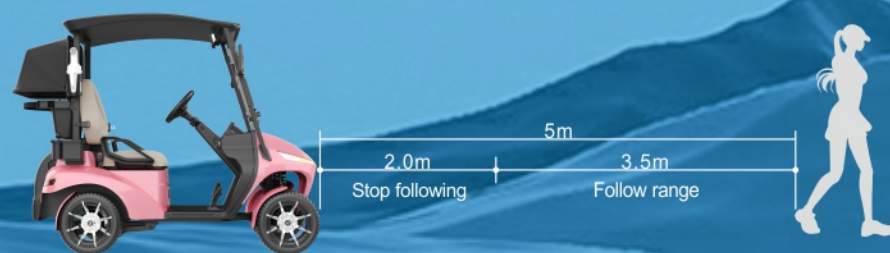


Flexible storage

basket + detachable box/golf bag for easy organization

AI GOLF CART

(MODEL:DS02)



Smart Following Function

- ◆ Responds to the user's movements
- ◆ Stops following when the user is too close to the cart ($<2\text{m}$) or stays away from the cart ($>5\text{m}$) for more than 3 seconds (Press the follow button to resume operation)
- ◆ Stops immediately when someone else steps in front of the cart



VEHICLE COLOR SCHEME



Crystal Grey



Lieyanhong



Ice blue



ivory white



Cherry Blossom



Gemstone Blue



forest green



Classic Black

COMFORTABLE CABIN

Automotive grade leather seats with constant temperature heating function, customized with your own logo



SEAT COLOR SCHEME

The seat cushion and backrest cushion are made of leather and color code
Special leather sample (number)

off-white-G8051-12	Modern Grey-G8051-11	Antlers brown-G8051-6	Classic Red-G8051-13
Hermes Yellow-G8051-5	Classic Black-G8051-14	Dark brown-G8051-10	Klein Blue-G8051-1

Seat color matching effect:

off-white 	Modern Grey 	Antlers brown 	Classic Red
Hermes Yellow 	Classic Black 	Dark brown 	Klein Blue

DS01

PERSONAL CART

(MODEL:DS01)



Vehicle Model	DS01
Powertrain	
Motor	48V3KW IP67 permanent magnet synchronous motor
Controller	48V/300A IP 67 permanent magnet synchronous high computing power controller, CAN communication function + Bluetooth function
Battery	51.2V50AH lithium iron phosphate battery (including KC, UL38.8, MSDS certification, etc.)
charger	48V20AH intelligent vehicle charger, charging time ≤ 3 hours
DC	48V/12V-500W, isolated DC
Body/Chassis	
Chassis	SPHC material frame (acid washing + electrophoresis + powder spraying)
Body	Injection molding body panels (automotive-grade spraying process), blow molding matte black roof
floor	Integrally molded PVC anti-aging floor leather
Seats	Integral foam seat cushion + high-grade microfiber leather; leather embossing (stripes), LOGO embroidery
meter	IP66 advanced multimedia 7-inch instrument cluster, Carplay+Android Auto
Headlight	LED front combination lights (low beam, high beam, turn signal, daytime running light, position light, through light)
Rear taillight	LED rear taillight (brake light, position light, turn signal)
Front suspension	McPherson independent front suspension + coil spring + cylinder hydraulic shock absorber
Rear Suspension	Integral rear axle, speed ratio 12.3:1, coil spring shock absorber + cylinder hydraulic shock absorber + single rocker arm + balance bar
Braking system	Rear drum brake, aluminum brake pedal with parking function
Steering system	Bidirectional rack and pinion steering system, automatic clearance compensation function
Vehicle Performance	
Vehicle mass (including battery)	≤230Kg
Seating capacity	1
Total load capacity	120Kg
Endurance (flat road)	28mile
Maximum driving speed	≤16mph
Minimum turning radius	≤3.5m
Minimum ground clearance	Approx. 100mm
Braking distance	< 1.5m
Gradeability/holding ability	20%





Vehicle Model	DS02	
Powertrain		
Motor	48V1.5KW IP67 permanent magnet synchronous motor (can be upgraded to 48V3KW)	
Controller	48V/300A IP 67 permanent magnet synchronous high computing power controller, CAN communication function + Bluetooth function	
Battery	51.2V50AH lithium iron phosphate battery (including KC, UL38.8, MSDS certification, etc.)	
charger	48V20AH intelligent vehicle charger, charging time ≤ 3 hours	
DC	48V/12V-500W, isolated DC	
Body/Chassis		
Chassis	SPHC material frame (acid washing + electrophoresis + powder spraying)	
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Front suspension	McPherson independent front suspension + coil spring + cylinder hydraulic shock absorber	
Rear Suspension	Integral rear axle, speed ratio 12.3:1, coil spring shock absorber + cylinder hydraulic shock absorber + single rocker arm + balance bar	
Braking system	All-aluminum brake pedal with parking function + 20N electromagnetic brake system	
Steering system	Bidirectional rack and pinion steering system, automatic clearance compensation function + EPS	
Vehicle Performance		
Vehicle mass (including	≤260Kg	
Seating capacity	1	
Total load capacity	120Kg	
Endurance (flat road)	28mile	
Maximum driving speed	≤9.32mph	
Minimum turning radius	≤3.5m	
Minimum ground	Approx. 100mm	
Braking distance	< 1.5m	
Gradeability/holding ability	15%	

