



Powerhouse Golf

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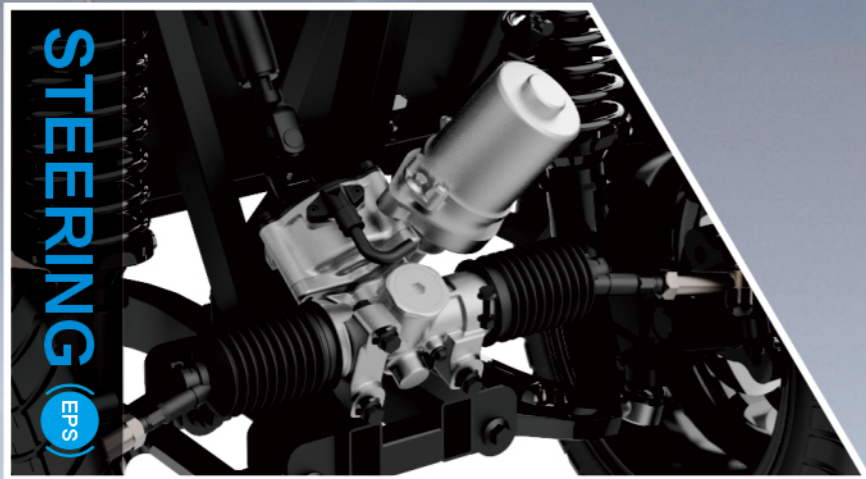
NEO CART

UNIQUE CONFIGURATION

- 1 High computing power MCU
- 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



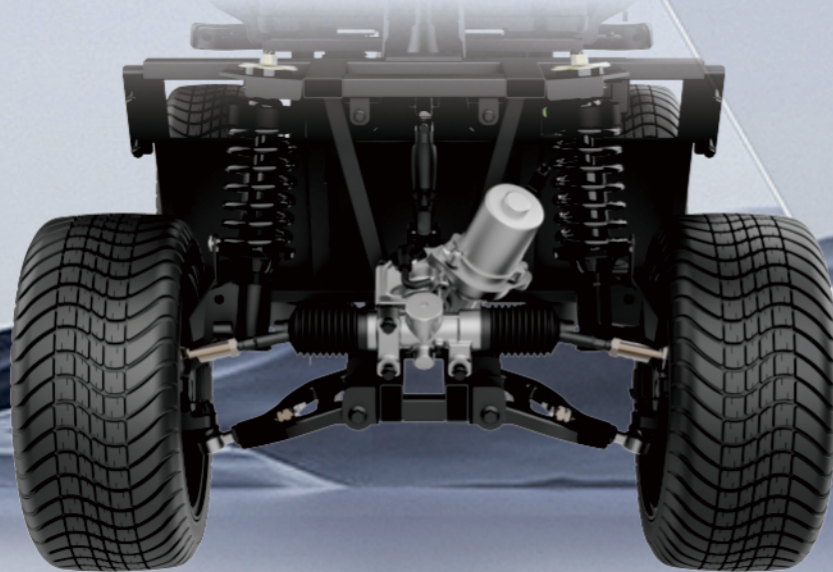
INTELLIGENT STEERING

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.



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.



PERFECT DRIVING CONTROL, SAFE AND COMFORTABLE, HIGH-STRENGTH CHASSIS
AUTOMOTIVE GRADE SPHC MATERIAL, RIGOROUS SPRAYING PROCESS, DURABLE AND LONG-LASTING



ALUMINUM ALLOY
HIGH-STRENGTH WHEEL HUB
DOT certification: 215/35-12 (4-Ply Rated) tire

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

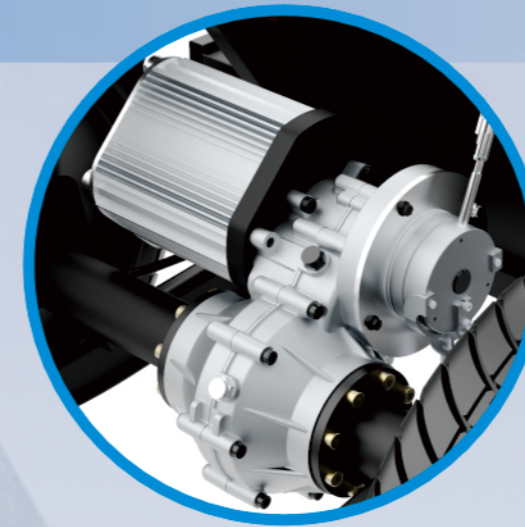
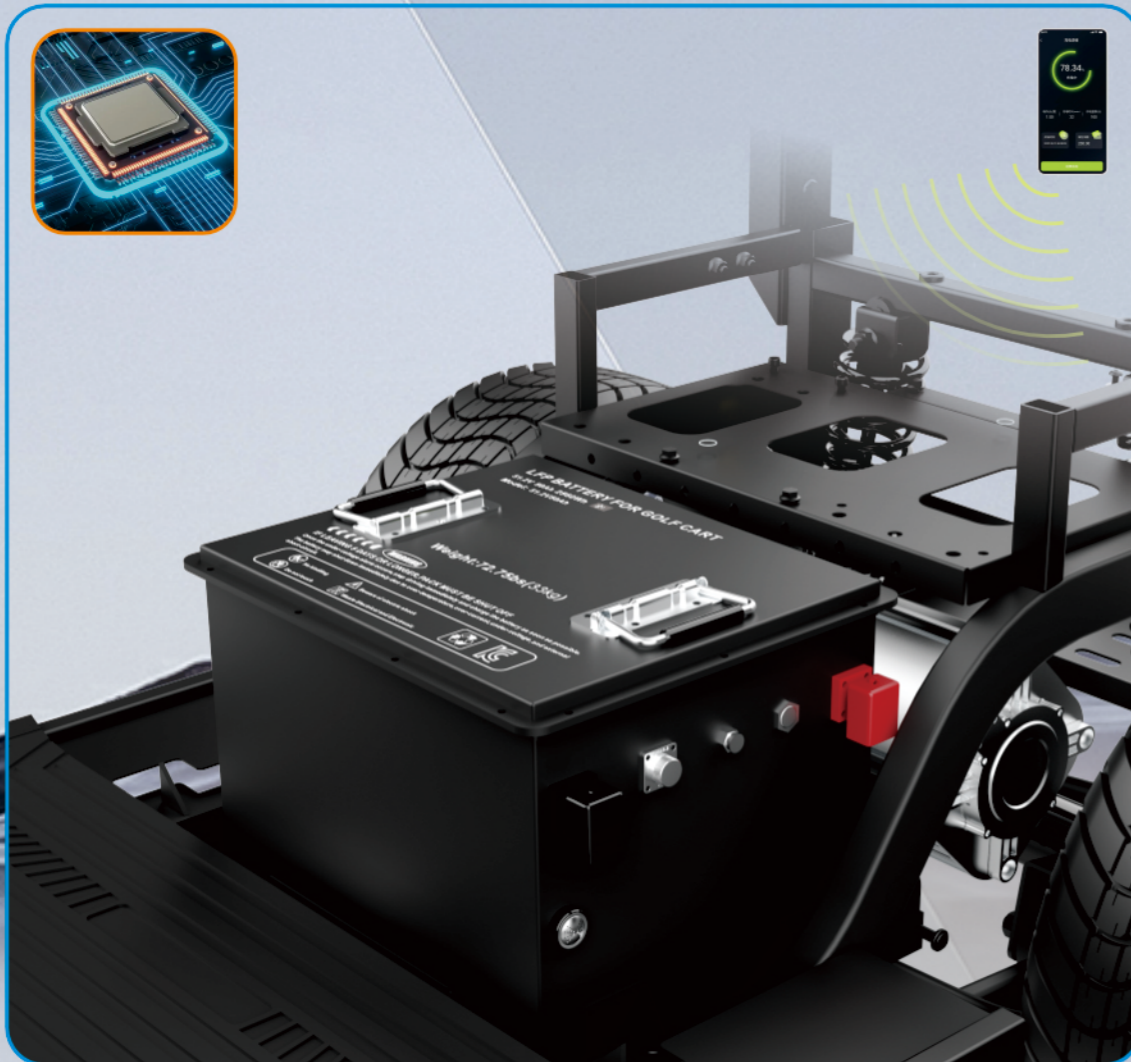
Rear suspension: **trailing arm+balance bar**+coil spring+cylinder hydraulic shock absorber.

Enhances vehicle body stability, reduces body roll, and maintains ride comfort.

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

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. DS is equipped providing precise instructions for EPS system and MCU, providing golf enthusiasts with Providing a comfortable driving experience.

DASHBOARD

MULTI-FUNCTIONAL



Column-mounted shift design give you best 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.

LED LIGHTING

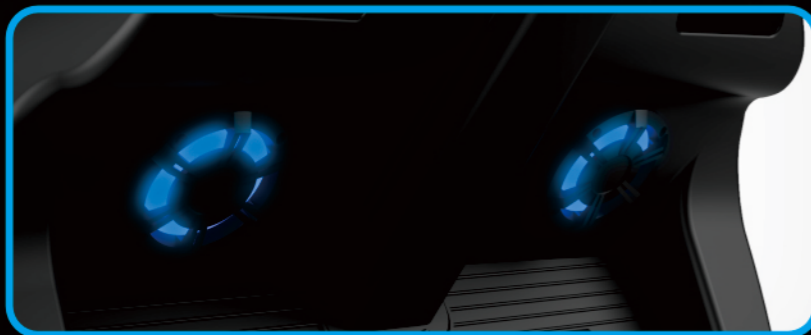
ILLUMINATE YOUR JOURNEY, RADIANT DESIGN, LASTING IMPACT!



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.

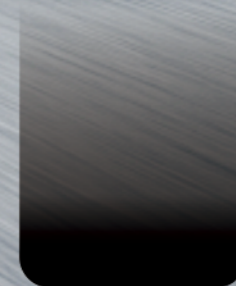


5-inch IP66 waterproof speaker with excellent sound quality, rich bass and transparent treble; Colorful lights flicker with the rhythm of the melody, creating a unique atmosphere for outdoor scenes and opening up a unique music experience.



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!

VEHICLE COLOR SCHEME



CRYSTAL GREY

LIEYANHONG

ICE BLUE

IVORY WHITE

CHERRY BLOSSOM

GEMSTONE BLUE

FOREST GREEN

CLASSIC BLACK

COMFORTABLE CABIN

Automotive grade leather seats ,customized with your own logo

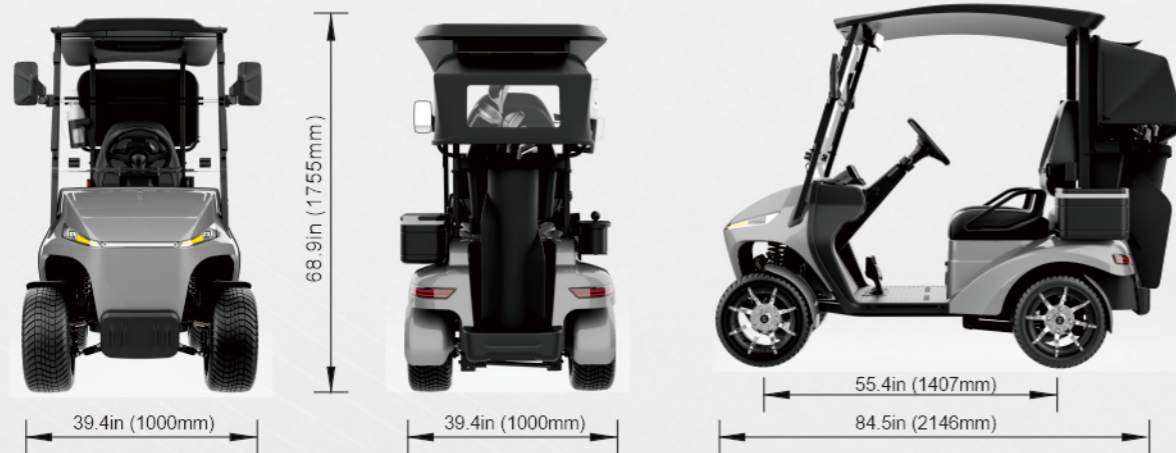


Constant temperature heating function

DS-G1 PRO

GOLF CART

(MODEL:DS-G1 PRO)



Vehicle Model	DS-G1 PRO
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 charger	51.2V50AH lithium iron phosphate battery (UL38.8, MSDS certification, etc.)
DC	48V20AH intelligent vehicle charger, charging time ≤ 3 hours
	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	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 battery)	≤310Kg
Seating capacity	1
Total load capacity	120Kg
Endurance (flat road)	25-30mile (40-50km)
Maximum driving speed	≤9.32mph (15km)
Minimum turning radius	≤3.5m
Minimum ground clearance	Approx. 100mm
Braking distance	< 1.5m
Gradeability/holding ability	15%