

Sale Name: August Equipment and equipment Accessories Auction

LOT 84 - New Assembled Electric Golf Cart SDLGC80



Lot Location 1700 Rainbow Dr

Description

Detailed Overview of the SDLGC80 Electric Golf Cart

1. Design & Build Quality

• **Frame and Chassis:**

The SDLGC80 features a **lightweight but sturdy aluminum alloy chassis**, which is corrosion-resistant, making it ideal for use in humid or wet environments like golf courses or coastal resorts. The choice of aluminum helps reduce the overall weight without compromising strength.

• **Dimensions:**

- Length: 2950 mm (approx. 9.7 ft)
- Width: 1290 mm (approx. 4.2 ft)
- Height: 2050 mm (approx. 6.7 ft)

These dimensions provide a compact footprint for easy navigation on narrow cart paths while still offering ample cabin space.

- **Seating:**

The cart seats **4 passengers comfortably** with luxury cushioning and supportive headrests for longer rides. The seats are weather-resistant and easy to clean, often upholstered with synthetic leather or premium vinyl.

- **Suspension:**

Utilizes **McPherson independent front suspension**, which improves ride quality by absorbing shocks and bumps better than basic leaf-spring suspensions. This feature makes rides smoother, especially on uneven terrain.

- **Wheels and Tires:**

The cart rides on **12-inch aluminum alloy wheels** with off-road tires designed to provide good grip on grass, dirt, and paved surfaces alike.

- **Lighting and Visibility:**

Equipped with **LED headlights and taillights**, offering good visibility during early morning or late evening use. Some models also include LED turn signals and brake lights.

2. Power and Performance

- **Motor:**

The SDLGC80 comes with a **4 kW (approx. 5.4 hp) AC motor**. AC motors are generally more efficient, provide smoother acceleration, and require less maintenance compared to brushed DC motors.

- **Battery:**

Powered by a **60V 100Ah lead-acid battery pack**, which delivers enough power for about **50 miles (80 km) per full charge** under normal driving conditions. Some versions may offer lithium battery upgrades for longer lifespan and faster charging.

- **Top Speed:**

It can reach a maximum speed of **23–24 mph (37–39 km/h)** — faster than many basic golf carts, suitable for short road use beyond golf courses (where legally permitted).

- **Range and Charging:**

A full charge typically takes **6 to 8 hours** using a standard 110-220V outlet. The efficient motor and battery combo offer a good balance of range and power for typical day-long outings.

- **Gradeability:**

The cart can handle slopes up to **20-30% incline**, enabling it to operate well on hilly courses or resort terrains.

- **Braking:**

It features **four-wheel hydraulic disc brakes**, providing strong stopping power and better control, especially when descending hills.

3. Technology & Features

- **Dashboard & Controls:**

A **10.1-inch LCD digital dashboard** provides real-time info including battery status, speed, distance traveled, and even a reverse camera feed for safer parking.

- **Steering:**

The cart uses a **carbon fiber-style D-shaped steering wheel**, which adds a sporty feel and improved ergonomics.

- **Comfort & Convenience:**

- USB charging ports for phones and devices
 - Folding windshield to reduce wind resistance or open up airflow
 - Ample storage compartments for golf gear, bags, or personal items
 - Optional weather protection accessories (like roof-mounted fans, rain covers)
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4. Safety and Compliance

- **Safety Features:**

Besides hydraulic brakes, it comes with seat belts, anti-tip design, and good ground clearance (about 180 mm) to avoid obstacles.

- **Certifications:**

Often meets DOT standards for golf carts, meaning it can be street-legal in some localities with speed restrictions.

Quantity: 1



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