

# MANUAL

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## Productions contents

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## Gorgeous structural drawing

1. Cart frame
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3. Drive system
4. Front wheel
5. rear wheel
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8. Cart bag Neck bottom support
9. Cart bag bottom support



## Product Specifications

1.

(Weight)	12.5KG
Battery	24V.20ma.
Battery charger	Model:CU-090 INTELLIGENT AUTO-DETECTING CHARGER
Frame	6061-T5 Aluminum
Motor	24V DC motor.
Remote Control	FM Transmitter
Control Electronics	FM receiver with microprocessor control sets for Speed ,direction, range tether and over-current Protection.
Measurement	28" / 16" / 16"

## Safety rules

2. Normal operation:

Please read and understand all instructions in the manual before operate °

1. Never allow child under 12 years old to operate cart without adult accompany °
2. Please store remote controller in the secure place to prevent child catch °
3. Never carry passengers and goods except golf cart-bag °
4. Dangerous Condition : please operate cart with one hand on handle and slow down °
  - 1.Steep slope.
  - 2.Congested area.
  - 3.Narrow cart path.
- 6.Do not operate at long range out of your vision °
- 7.Avoid dropping your remote controller °
- 8.Avoid operate cart in the rain °
- 9.When any emergency happen ,please stop the cart °
- 10.Read and follow all instructions for safe use and charging.
- 11.Please use original indicate battery and charger , to keep the cart in good condition °

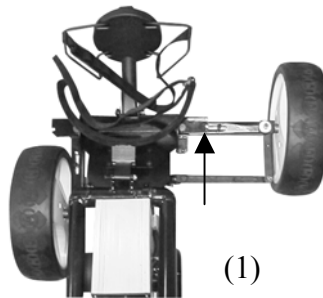
## OPERATION

Step #1.

Swing Cart bag- bottom support forward.



Step #2. Release front wheel bolt and  
Swing wheels turn to locked position(1)



Step #3. Unfold and fix frame

Upright rear frame and tighten quick release (1).

Adjust handle frame and tighten quick release(2).



#### Step #4. Install battery

Set battery lay on the battery-serving tray.

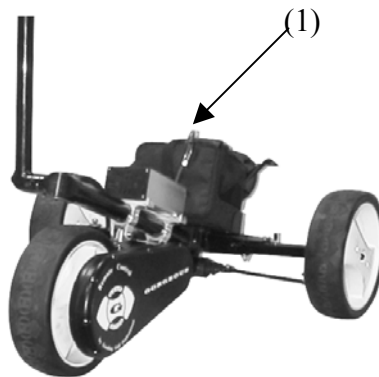
Battery-bag with Gorgeous markings facing up.

Strap battery into battery serving tray.



#### Step #5 Connect battery and control electronics

Connect battery cable with control electronics(1).



#### Step #6 Installing golf-cart bag

Put cart bag on neck bottom support

Make sure secure with neck support straps.



## Main Control Box

### (1)POWER BUTTON ON . OFF

- 1.Please press ON button to start power.
- 2.Please press OFF button to stop power.

### (2)BATTERY LEVEL INDICATION

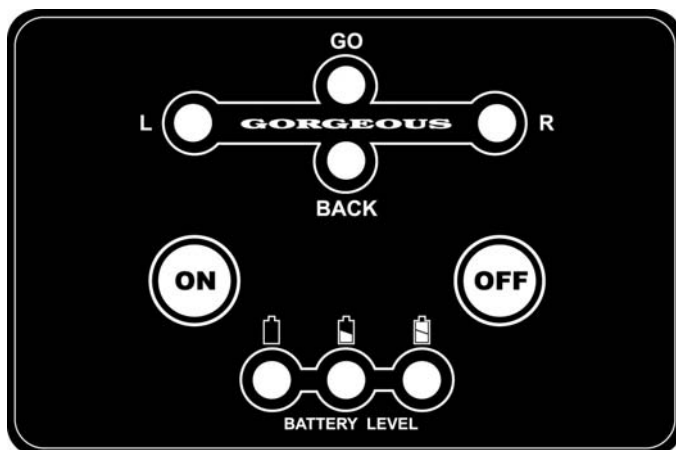
When power on , battery level lamps will show the battery level ,  
When green lamp light that show the battery is full, you can play 18 holes.  
When yellow lamp light that show the battery is half, you can play 9 holes.  
When red lam light that show the battery is low, need to be recharged. °

### (3)DIRECTION LEVEL INDICATION

Direction lamps will light to show the direction ,include  
forward ,backward ,left ,and right ,when main control box receive the command  
from the remote controller °

### (4)RESET BOTTON

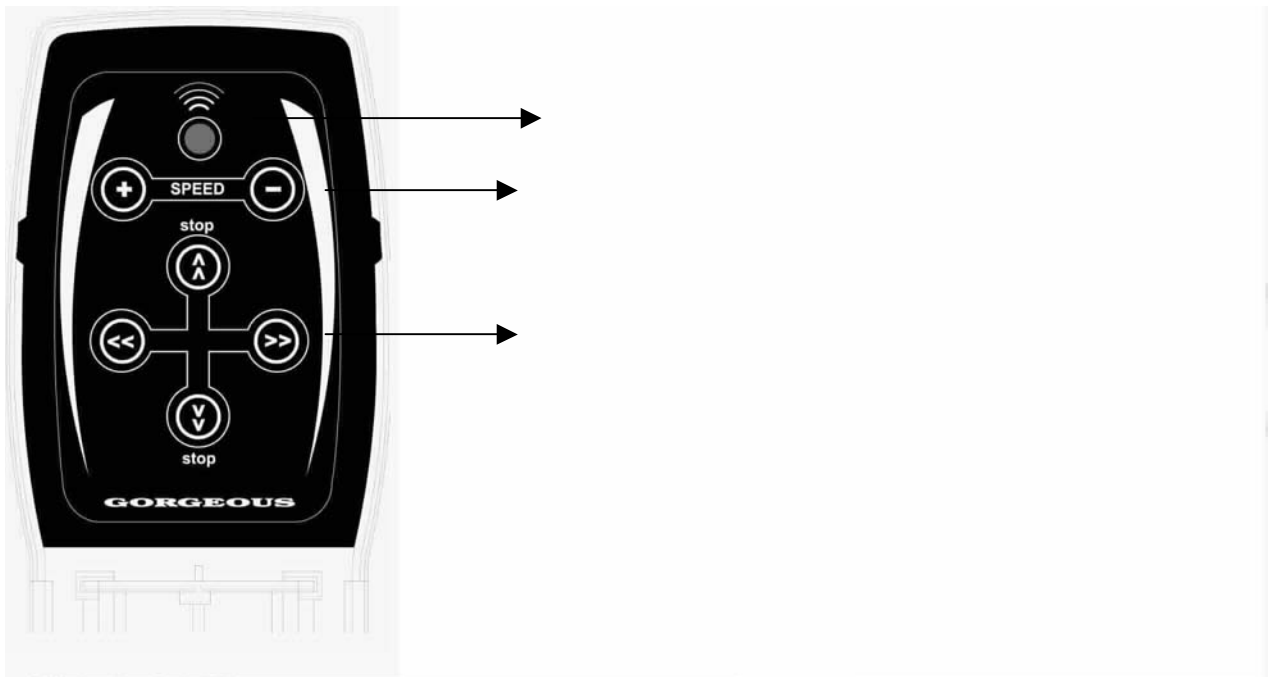
Gorgeous' main control box contain an over-current circuit , the circuit will  
terminate the power to main control box when the current occur an  
overload ,then press reset button that main control box will return to the normal  
state.



# REMOTE CONTROLLER

- A. Direction button
- B. Speed control button
- C. Flashing light

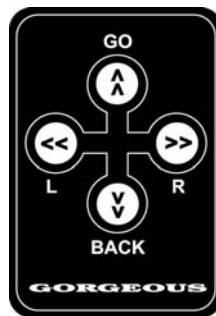
1. Press  $\uparrow$  button to go forward motion 、press button again to stop  
Gorgeous 。
2. Press  $\downarrow$  button to move backward 、press button again to stop  
Gorgeous 。
3. Press  $\rightarrow$  button to turn right ,then release to go straight 。
4. Press  $\leftarrow$  button to turn left ,then release to go straight 。
5. Use speed + button to increase speed , 8 speed steps control 。
6. Use speed - button to decrease speed , 8 speed steps control 。
7.  $\equiv$  is flashing light , remote controller ON is indicated by flashing light 。
8. Remote controller battery 、9v already installed , replace the battery in the  
controller approx 20 rounds 。
9. Avoid dropping your controller and immerse in water 。
10. Never use remote controller and cable controller at the same time 。



# Cable Controller

## A. Direction button.

1. Please use cable-controller to instead remote controller when controller didn't work normal °
2. Put the Cable controller's PS2 connector into the socket on the main control box °
3. Press ↑ button to go forward motion、press button again to stop Gorgeous °
4. Press ↓ button to move backward、press button again to stop Gorgeous °
5. Press→button to turn right ,then release to go straight °



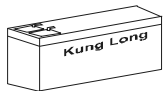
## Battery Care and Maintenance

### Description

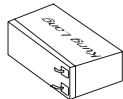
Gorgeous power is provide by Long sealed lead acid battery. Model# WP20-24E. 24Vdt20Ah

### Before use battery

1. Battery should be full charged more than 4 hours at the first time and store it for a long time ◦
2. Make sure battery terminals bolts are tightened securely ◦
3. Avoid put anything on battery upside ◦
4. Please open the battery bag zipper ; before recharge.
5. Never let battery stand upside down in any condition ◦



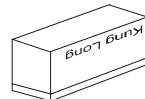
stand up(○)



lie down(△)



sideways(△)



upside down(✗)

### Feature

1. For good performance and long life exercise , battery must be full charged each use ◦
2. You can use Gorgeous to play 18 holes when battery is full ; after 18 holes ,you want to play 9 holes more, please check battery level indication ◦
3. A second battery is recommended if you want to use Gorgeous for more than 36 holes in one day ◦
4. Store Battery should be recharged at least every three months ◦
5. Battery life : normal use : 1~3years  
Circle use: 300 times



## Maintenance

- STORE BATTERY TEMPERATURE :  $-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$  , WETNESS RANGRE : 25%-85% .
- PLEASE STORE BATTERY AFTER FULL RECHARGED,OTHERWISE BATTERY LIFE WILL BE SHORTENED .
- BATTER IS STORED FOR A LONG TIME WILL CAUSE CAPACITY LOSE .
- STORE TEEMPERATURE SUGEESTION AND RECHARGE CIRCLE :  
20°C (68°F) UNDER : 9 MONTHS  
20°C~30°C (68°F-86°F) : 6 MONTHS  
30°C (86°F)UP : 3MONTHS

### BAD BATTERY JUDGE AND RECOVER

- Measure method for judge battery from good or bad as follows ;Initial voltage 、 resistance 、 current capacity 、 check the variation when batter is charging .
  - The initial voltage of a newest battery is over 24Volt . Even transportation 、 storage or different discharge condition , the initial voltage will show up to25.8Vor low to 0.0V . If the initial voltage is lower than 22V , that show the battery is bad by over discharge or other reasons . Please return battery to our company or our agent .
  - Please test the initial voltage after one hours when the battery is full charge . If the initial voltage is lower than 24 v that show battery is bad .
  - The initial voltage of a full battery should be over 25.8V,if the voltage is between 25 to 25.8V , that batter is show un full charge , please keep charging until the battery is full .
  -

## Battery charger operation

Type: CU-090-242 Intelligent Auto-Detecting Charger

### Summary:

- 24V,2A Constant Current
- Switch Power Mode Charger
- Input:100~240V AC 50/60Hz
- Input Type: Attachment plug with overload protection
- Input Fuse:2A250V with spare
- Output:24V DC/2A 65W
- Output Fuse: Circuit breaker for Polarity Reverse
- Operation Temp:-10°C
- Size: L 14.2 \* W 6.6 \* H 4.0cm
- Weight:0.36 Kg

### Features:

- Constant current charging system for more efficient performance.
- Constant voltage control system for precise charging and extended battery life cycle.
- Intelligent Auto-Detecting Charger  
While full charged (battery voltage reaches about 29.5V),it automatic changes to very small (100mA) to cover the internal losses and maintains the battery at saturated voltage.
- International Safety Approvals  
CE,UL,TUV listings in a single charger
- Three protective features
  1. Fuse overload protection for input voltage with spare fuse.
  2. Protection against short circuiting.
  3. Circuit breaker for Reverse Polarity.

- Two colors in one LED

LED is used to show the charging status. The GREEN light shows AC on, and changes to RED when connect to battery, it means the battery is charging. The charger will continue to provide very small current in GREEN light after battery is full charged.

- Charging very deeply discharged batteries

- CU-090-242 charger can charge a very deeply discharged battery (below 17V). When charging starts, the charger's current is small and GREEN light flashes or fades. By small current, so it can protect the very deeply discharged battery. After the battery voltage over 17V (it takes about 30 minutes), charger current becomes normal (2 Amps), then the light changes to RED to show the battery is charging.

- No current drain

- No (Zero) current is taken from the battery when the charger is connected to battery but AC not plugged in.

### Reliability:

- MTBF, Mean Time Between Failures

30,000 power-on-hours(POH) or greater. This translates into 10 years of everyday operation of 8 hours.

- Burn in: All chargers are burned in for 24 hours at 45°C.

- EMI, Electromagnetic Interference

The charger will not generate excessive radiated or conducted emissions. No interference with TV, radio, computer or other equipment.

- Warranty: 1 year.

## TROUBLE-SHOOTING

Most Gorgeous problems can be solved by following the simple steps in this trouble-shooting chapter.

1. When you found that “Gorgeous” is moving slower and slower , check Battery level, if the power is good enough ,please remove drive system cover. Check belt. If the belt slack, please turn up the elastic wheel to tighten belt ° If the belt had rent, replace belt
2. When you find “Gorgeous” can not turn left or right ,and ensure the front wheel turn to locked position first ,then check the direction server connector , the connector must complete connect with main control box ,if not ,connect it. If you still can not find the problem 、 please return “Gorgeous” to our factory or our agent °
3. When you find motor is not good working , check as bellows;
  - (1) Listen for motor , if you can’t hear motor 、 check battery and battery connector °
  - (2) If motor runs ,but the rear wheel can’t run , check the drive system ,check the belts °
  - (3) When you check the main control box is good ,then you still can’t hear motor run, replace the motor °
4. Main control box failure, when you push “Power On” button, and no any battery indication lamps light , check the battery connector , if Main control box execute self-protection , please push reset button ,then start Gorgeous again °
5. Remote controller was not good working, when the flashing light get dark or stop, replace the battery。 If controller still not working, please use cable controller instead of remote controller, and return remote controller to our factory or our agent。

## **FCC STATEMENT**

**This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:**

**This device may not cause harmful interference.**

**This device must accept any interference received, including interference that may cause undesired operation.**

**Any changes or modifications (including the antennas) made to this device that are not expressly the approved by manufacturer may void the user's authority to operate the equipment.**

## Gorgeous Warranty

Limited warranty : for one year from the date of purchase.

Uncover warranty :

- (A) Expendable item in normal use : such as tires 、 belts 、 remote controller battery 。
- (B) Improper use: repair necessary from operator abuse 、 negligence, accident, or fail to maintain 。
- (C) Natural disaster : such as flood 、 tornado 、 earthquake ,etc 。
- (D) Golf carts used for commercial or rental purpose 。

Battery warranty : for 90 days from the date of purchase.

Motor warranty : for 6 months from the date of purchase 。

Important Instruction:

1. At time of purchase, please ask your agent authorized reseller fill in the purchase information and stamp this card for you.
2. Take warranty Card to guarantee your cart warranty when the cart breaks down.

Model Name:

Serious Number:

Purchase Date:

