

# Lory Cart

The 1<sup>st</sup> choice for beachside golf carts.

Solar Power Glory





# Who We Are?



**Solar Power Glory Technology Ltd. (Beijing) is established with a fundamental conviction – the ability to create a solar-powered golf cart that surpasses the requirements of any other vehicle available in the market, all while eliminating the need for constant plugging in.**



**In the times ahead, every golf cart will inevitably transition to being electric, powered by lithium batteries, and equipped with the solar panel alternative. The moment to embark on this journey is now.**

**At SPG, we are deeply dedicated to fostering a culture of adherence to regulations and the prevention of pollution. We are steadfast in upholding our esteemed reputation by seamlessly integrating environmental performance within our world-class business operations.**

**Contact US NOW!!**

**WangZhixing, Co-founder**

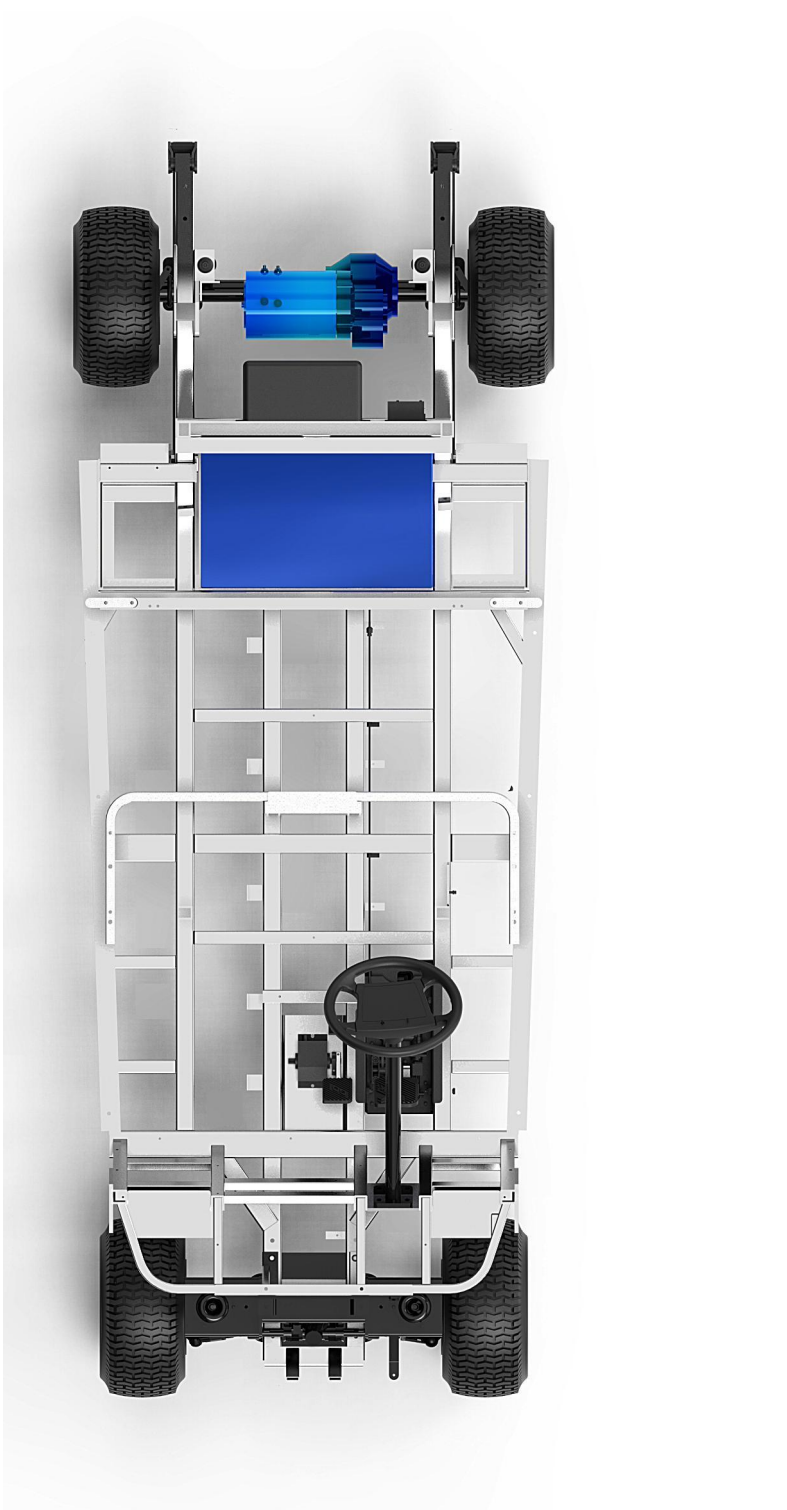
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**<https://www.spgsolarcar.com/>**

# Why Choose SPG?



## 2 Core Technology



**Lifetime Warranty  
Aluminium Chassis**



**Vehicle Integrated  
Solar Technology**

# Core Technology



## Lifetime Warranty Aluminium Chassis

+ Easy to replace parts



- **Aluminum Alloy Welded Truss Frame**

- Patented Welding Tech, foundation of Lifetime warranty
- High corrosion resistance, firm structure, safe and reliable.

- **MacPherson Independent Front Suspension**

- The tire responds independently, high comfort.

- **Single Variable Cross-section Leaf Spring**

- Combined with the hydraulic damping shock absorber, the suspension has excellent shock absorption performance and a good driving experience.





# Core Technology

## Vehicle Integrated Solar Technology



### • **SPG Patented Solar System**

- **Increased Battery Life by 25-75%**
- **Increase Driving Distance 5-15 Miles**
- **Save up to and over \$400 Annually**
- **30% Federal Tax Credit Eligible (USA)**
- **Decrease "Plug-in" frequency**
- **25-75% Reduction in "Plug-in" Energy Use & Consumption**

### • **Vehicle Grade Lithium Battery**

- **Lighter, Smarter, Smaller**
- **+ 5 years lifetime**
- **Higher charge-discharge efficiency**
- **Solar Charger Plug**



# SPG Solar Specification



## ULTRA-LIGHT

Only 2.8 kg/m<sup>2</sup>



## HIGH-EFFICIENCY SILICON CELL

Monocrystalline cells, 20%.



## Durable

Certified to withstand maximum testload (2400 Pascal), while special materials and stringent quality control ensure panel longevity.



## BENDABLE

Smallest bending diameter (2 m)



## HIGH YIELD IN ANY POSITION

Multi-directional lens structure



## EASY TO INSTALL

Simple but strong adhesive bonding  
No metal subsystem required  
No ballast required

### ELECTRICAL CHARACTERISTICS

#### STC

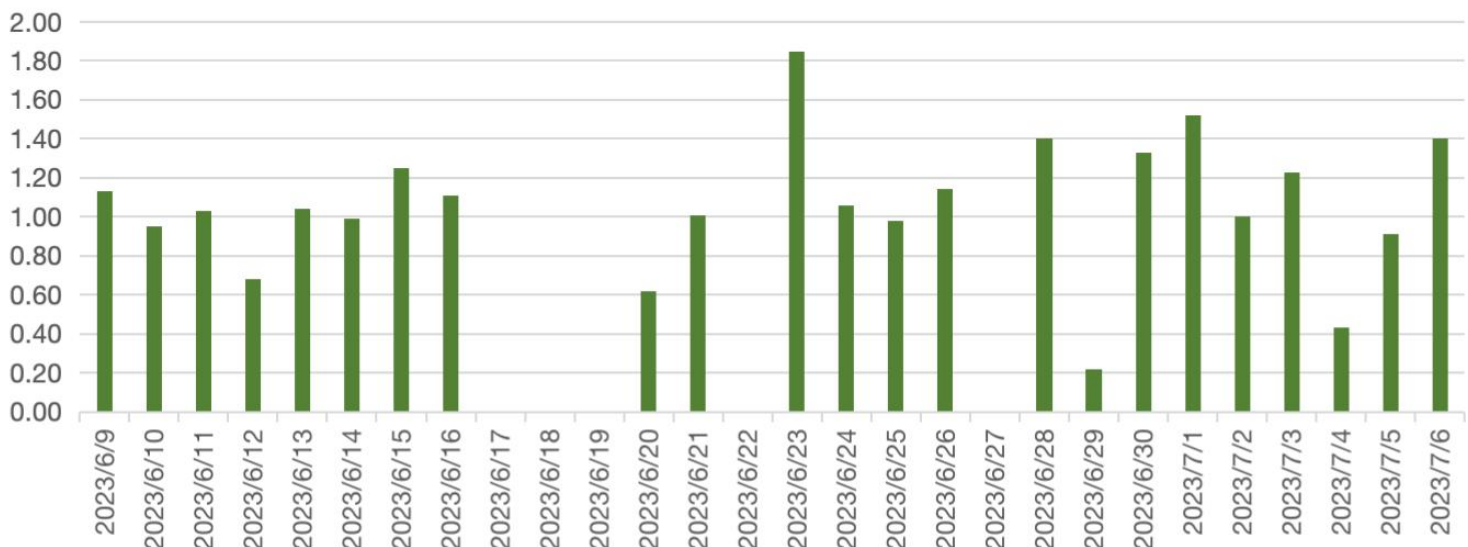
Irradiance 1000W/m<sup>2</sup>, Cell temperature 25 °C, AM=1.5.

375W for 4 seater

280W for 2 seater

Maximum Power (P <sub>max</sub> )	375W	280W
Maximum Power Voltage (V <sub>mp</sub> )	40.2V	30.3V
Maximum Power Current (I <sub>mp</sub> )	9.33A	9.3A
Open-circuit Voltage (V <sub>oc</sub> )	48.6V	37.3V
Short-circuit Current (I <sub>sc</sub> )	9.86A	9.75A
Maximum System Voltage	1000 V DC (IEC)	
Maximum Series Fuse Rating	20A	
Application Class	Class A	
Power Tolerance	0/+5W	

### Daily Power Generation (kWh/day)



the average power generation is calculated to be approximately 1 kWh/day.

During the charging process, when the battery is fully charged, the solar controller will automatically cut off and stop charging. The maximum daily electricity generation can exceed 1.8 kWh, accounting for 36% of the total battery capacity.



# Unparalleled Experience



## Ensuring Safety While Providing Luxury



**10-inch touchscreen with CarPlay**



**Brake Light on the roof**



**Charging Port**



**3-point Seat Belt**



**Aluminum Chassis**



**Suspension**

\* Power generation and mileage extension vary based on seasons, locations, driving conditions and weather.  
\* The final right of interpretation is held by Solar Power Glory



# SPG Manufacture Facility



**Leveraging China's robust supply chain capabilities, we have the flexibility to select the finest components from various suppliers across the country.**

**Our electric cart production workshop spans an expansive 8,000 square meters. Here, we house not only large-scale production equipment and advanced processing centers but also a dedicated team of nearly 200 professionals encompassing design, production, and quality control.**



**With an annual production capacity surpassing 3,500 units and a monthly inventory exceeding 300 units, we ensure timely cart supply.**



# SPG World





# SPG World





# SPG World



SPG strives for the best, customers' smiles attest.





# SPG World



## Solar works



I was hesitant to buy this at first because it is not a well-known brand unlike yamaha and sanyo, But having experienced this cart's performance, capabilities and feature, I knew right away that this is the cart that im looking for.

Electric golfcart that is full electric and has solar power capabilities. It's an eco friendly golfcart and yet it is not shorthanded when it comes to performance and looks. It's surprisingly powerful and responsive and battery also performs beyond expectation.

It's solar power capabilities lets you charge your batteries(via solar power) while you enjoy a good game of golf..now if you're an avid golfer and spends time under the sun for long hours, this is definitely the cart for you!

The looks of this cart is also eye catching, it looks fierce and has a poise that will not go unnoticed.

Their customer support is very responsive, and helpful as well. They are prompt with their replies, they are willing to go step by step in order to be of any help and they are actually very knowledgable with any information regarding their product.

Overall, this cart is competitive in terms of performance, battery life, looks and style and its special feature which is the solar power capability gives it an edge compared to its competitors.

This cart and is definitely worth every penny.

**Maeil Leisure Golf Cart - The Philippines**



### SPG Electric Golf Carts

I am very pleased to recommend the new range of SPG Solar Electric Golf Carts.

The carts I have personally tested have been comfortable and fitted with the newest golf cart technology. The battery system is easy to use and has all the power required for the toughest of tests.

SPG's solar technology compliments the entire cart energy system and provides strong battery support under normal weather conditions.

I have found the SPG organisation to be efficient and extremely helpful.

SPG is well placed to challenge the market leaders in this competitive market.

**ZED- Australia**





# Solar Golf 2 Seater



## Solar

280W flexible solar system

## Controller

48V, AC Controller

## Chassis

Aluminim Chassis(Patented)

## Battery

105Ah Li Battery

## Charger

Intelligent charger, automatic power off, overload protection

Speed	Driving Range	Tire	Grade Ability	Turning Radius
30km/h	50-60km (Flat, No load)	18*8.5-8, Iron Rim	40%(≈22°)	≤3m
Ground Clearance	Motor	Size	Wheelbase	Windshield
114mm	AC, 4kW	2510 × 1220 × 1850mm	1650mm	Foldable windshield
Track (F/R)	Weight	Rear Axle	Seat	Color
870mm/985mm	430kg	Integral rear axle	Standard seat	White/Wine/Green*2/Grey



**Brakes:** Drum brake + electromagnetic brake + electronic parking

**Suspension:** F: Macpherson independent R: Leaf spring and telescopic hydraulic shock absorbers

**Light:** LED headlight, rear lamp, brake lights, turn signal.

## Quotation

Standard Price	5500 USD	150Ah Li Battery	+500 USD	10" Touchable Screen	+220 USD
Toyota Controller	+100 USD	New Dashboard	+100 USD	Aluminum rim	+100 USD
Customized Color	+150 USD	Two-tone Seat	+50 USD	Luxury Seat	+ 80 USD
Iron Basket	+100 USD	Rain Cover	+100 USD		

Golf Course Accessories including Side Curtain, Rake, Basket, Cooler, Message Holder, Ball Washer, Golf Club Cover, Sand Bottle + 450 USD

3 units in a 20GP, 12 units in a 40HQ.  
Package and freight will be processed based on actual cost.  
Customized color includes roof and cart body.



# Solar Golf 2+2 Seater



### Solar

375W flexible solar system

### Controller

48V, AC Controller

### Chassis

Aluminim Chassis(Patented)

### Battery

105Ah Li Battery

### Charger

Intelligent charger, automatic power off, overload protection

Speed	Driving Range	Tire	Grade Ability	Turning Radius
30km/h	50-60km (Flat, No load)	18*8.5-8, Iron Rim	40%(≈22°)	≤3m
Ground Clearance	Motor	Size	Wheelbase	Windshield
114mm	AC, 4kW	3010 × 1220 × 1850mm	1650mm	Foldable windshield
Track (F/R)	Weight	Rear Axle	Seat	Color
870mm/985mm	460kg	Integral rear axle	Standard seat	White/Wine/Green*2/Grey

White/Wine/Green\*2/Grey



**Brakes:** Drum brake + electromagnetic brake + electronic parking

**Suspension:** F: Macpherson independent R: Leaf spring and telescopic hydraulic shock absorbers

**Light:** LED headlight, rear lamp, brake lights, turn signal.

### Quotation

Standard Price	5650 USD	150Ah Li Battery	+500 USD	Toyota Controller	+100 USD
10" Touchable Screen	+220 USD	New Dashboard	+100 USD	Aluminum rim	+100 USD
5kW Motor	+100 USD	2 point seat belt	+80 USD	3 point seat belt	+100 USD
Disc Brake	+100 USD	Bumper	+100 USD	Customized Color	+150 USD
Glass Windshield	+200 USD	Two-tone Seat	+100 USD		

3 units in a 20GP, 12 units in a 40HQ.

Package and freight payment will be processed based on actual cost.  
Customized color includes roof and cart body.





# Solar Golf 4+2 Seater



## Solar

375W flexible solar system

## Controller

48V, AC Controller

## Chassis

Aluminim Chassis (Patented)

## Battery

105Ah Li Battery

## Charger

Intelligent charger, automatic power off, overload protection

Speed	Driving Range	Tire	Grade Ability	Turning Radius
30km/h	50-60km (Flat, No load)	18*8.5-8, Iron Rim	40%(≈22°)	≤3m
Ground Clearance	Motor	Size	Wheelbase	Windshield
114mm	AC, 4kW	3380 × 1350 × 1850mm	2500mm	Foldable windshield
Track (F/R)	Weight	Rear Axle	Seat	Color
870mm/985mm	500kg	Integral rear axle	Standard seat	White/Wine/Green*2/Grey



**Brakes:** Drum brake + electromagnetic brake + electronic parking

**Suspension:** F: Macpherson independent R: Leaf spring and telescopic hydraulic shock absorbers

**Light:** LED headlight, rear lamp, brake lights, turn signal.

## Quotation

Standard Price	5800 USD	150Ah Li Battery	+500 USD	23 × 10-12 aluminum hub	+170 USD
Toyota Controller	+100 USD	New Dashboard	+100 USD	10" Touchable Screen	+220 USD
5kW Motor	+100 USD	2 point seat belt	+80 USD	3 point seat belt	+100 USD
Glass Windshield	+200 USD	Two-tone Seat	+150 USD	Bumper	+100 USD
Disc Brake	+100 USD	Customized Color	+150 USD		

3 units in a 20GP, 12 units in a 40HQ.

Package and freight payment will be processed based on actual cost.  
Customized color includes roof and cart body.



# Solar Allroad 2+2 Seater



## Solar

375W flexible solar system

## Controller

48V, AC Controller

## Chassis

Carbon Steel

## Battery

105Ah Li Battery

## Charger

Intelligent charger, automatic power off, overload protection

Speed	Driving Range	Tire	Grade Ability	Turning Radius
30km/h	50-60km (Flat, No load)	23 × 10-12, aluminum hub	30%(≈16.7°)	≤3.5m
Clearance(Lifted)	Motor	Size	Wheelbase	Windshield
200mm	AC, 4kW	3150 × 1300 × 2150mm	1700mm	Foldable windshield
Track (F/R)	Weight	Rear Axle	Seat	Color
985mm/985mm	480kg	Integral rear axle	Standard with 2 point seat belt	White/Wine/Green*2/Grey

White/Wine/Green\*2/Grey



**Brakes:** 4-wheel disk brake + electromagnetic brake + electronic parking

**Suspension:** F: Macpherson independent R: Leaf spring and telescopic hydraulic shock absorbers

**Light:** LED headlight, rear lamp, brake lights, turn signal.

## Quotation

Standard Price	6300 USD	150Ah Li Battery	+500 USD	Toyota Controller	+100 USD
Customized Color	+150 USD	New Dashboard	+100 USD	Aluminum-Chassis	+180 USD
5kW Motor	+100 USD	10" Touchable Screen	+220 USD	3 point seat belt	+100 USD
Glass Windshield	+200 USD	Two-tone Seat	+100 USD	23 × 10-14 aluminum hub	+160 USD
Step Pedal	+ 60 USD				

3 units in a 20GP, 12 units in a 40HQ.

Package and freight payment will be processed based on actual cost.  
Customized color includes roof and cart body.





# Solar Allroad 4+2 Seater



### Solar

375W flexible solar system

### Controller

48V, AC Controller

### Chassis

Carbon Steel

### Battery

105Ah Li Battery

### Charger

Intelligent charger, automatic power off, overload protection

Speed	Driving Range	Tire	Grade Ability	Turning Radius
30km/h	50-60km (Flat, No load)	23 × 10-12, aluminum hub	30%(≈16.7°)	≤4m
Clearance(Lifted)	Motor	Size	Wheelbase	Windshield
200mm	AC, 4kW	3700 × 1300 × 2150mm	2550mm	Foldable windshield
Track (F/R)	Weight	Rear Axle	Seat	Color
985mm/985mm	550kg	Integral rear axle	Standard with 2 point seat belt	White/Wine/Green*2/Grey



**Brakes:** 4-wheel disk brake + electromagnetic brake + electronic parking

**Suspension:** F: Macpherson independent R: Leaf spring and telescopic hydraulic shock absorbers

**Light:** LED headlight, rear lamp, brake lights, turn signal.

### Quotation

Standard Price	6600 USD	150Ah Li Battery	+500 USD	Toyota Controller	+100 USD
Customized Color	+150 USD	New Dashboard	+100 USD	Aluminum-Chassis	+280 USD
5kW Motor	+100 USD	10" Touchable Screen	+220 USD	3 point seat belt	+100 USD
Glass Windshield	+200 USD	Two-tone Seat	+150 USD	23 × 10-14 aluminum hub	+160 USD
Step Pedal	+120 USD				

3 units in a 20GP, 12 units in a 40HQ.  
Package and freight payment will be processed based on actual cost.  
Customized color includes roof and cart body.



# Purchase Advice

## For Golf Course



**Top Variant: 6120 USD, including 105Ah lithium battery, luxury seat and golf kits.  
Suggested retail price: 9500 USD.**

This configuration is primarily tailored for golf courses. The combination of solar power and lithium batteries ensures an extended range, while the aluminum alloy wheels and luxurious seats offer customers a superior experience. It is well-suited for operational use on golf courses.

**Golf Kits include: cooler\*1, water bottle\*1, ball washer \*1, bag hold components\*2, front basket\*1, and a rain cover for the golf bag\*1.**

Standard dashboard and digital meter.

## For Personal



**Top Variant: 7290USD, including 150Ah lithium battery, customized color, new dashboard and 10" screen, 2 tone color seat, 12" radial tyre, 3-point seat belt and bumper.  
Suggested retail price: 12500 USD.**

The top-tier four-seater golf cart comes equipped with the latest 10-inch screen, a 150Ah lithium battery for extended range, 12-inch radial tires for faster on-road driving, a rust-resistant all-aluminum chassis, and enhanced safety features such as 3-point seat belts and bumpers. Additional customization options for colors are available to provide more uniqueness.



**Top Variant: 8250USD, including upgraded aluminum chassis, 150Ah lithium battery, customized color, new dashboard and 10" screen, 2 tone color seat, upgraded light system, 3-point seat belt.  
Suggested retail price: 13500 USD.**

Higher ground clearance than the golf model, providing better off-road suitability. Can be upgraded to 14" tires, and an upgraded aluminum chassis and light system meet the needs of more scenarios.





**Contact US NOW!!**

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