

14STX Solar Power Cart

Lifetime Warranty Chassis and Solar System



www.14stxdistribution.com

Core Technology



- **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

Core Technology

A Lifetime Warranty Body Frame



- **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.



Specification



2 Seater

Solar

280W flexible solar system

Driving Range

70-80km (Flat, No load)

Tire

18*8.50-8, 4PR

Battery

48V150Ah lead acid battery

Motor

AC/DC, 4kW

Controller

AC/DC, 48V

Size

2510*1220*1850mm

Weight

420kg

Warranty

2 Year*
* Warranty terms please check Warranty Page

Cart Chassis

Aluminum alloy

Roof

Dual-side Anti-UV ABS, fadeless.

Color

Gray/White/Customized

Brakes: Drum brake + electromagnetic brake + electronic parking

Battery: 48V100Ah/48V150Ah lithium Battery

Specification



2+2 Seater

Solar

410W flexible solar system

Driving Range

60-70km (Flat, No load)

Tire

18*8.50-8, 4PR

Battery

48V150Ah lead acid battery

Motor

AC/DC, 4kW

Controller

AC/DC, 48V

Size

2795*1220*1850mm

Weight

450kg

Warranty

2 Year*
* Warranty terms please check Warranty Page

Cart Chassis

Aluminum alloy

Roof

Dual-side Anti-UV ABS, fadeless.

Color

Gray/White/Customized

Brakes: Drum brake + electromagnetic brake + electronic parking

Battery: 48V100 Ah/48V150 Ah lithium Battery

Specification



4 Seater

Solar

410W flexible solar system

Battery

48V150Ah lead acid battery

Size

3380*1350*1850mm

Cart Chassis

Aluminum alloy

Driving Range

50-60km (Flat, No load)

Motor

AC/DC, 4kW

Weight

500kg

Roof

Dual-side Anti-UV ABS, fadeless.

Tire

18*8.50-8, 4PR

Controller

AC/DC, 48V

Warranty

2 Year*

* Warranty terms please check Warranty Page

Color

Gray/White/Customized

Brakes: 4-wheel hydraulic drum brake + electromagnetic brake + electronic parking

Battery: 48V100Ah/48V150Ah lithium Battery

Specification



2+2 Seater Allroad

Solar

410W flexible solar system

Driving Range

50-60km (Flat, No load)

Tire

23×10-12, off-road Tire with aluminum-alloy hub

Battery

48V150Ah lead acid battery

Motor

AC, 4kW

Controller

AC, 48V

Size

3150×1300×2150mm

Weight

480kg

Warranty

2 Year*

* Warranty terms please check Warranty Page

Cart Chassis

carbon steel

Roof

Dual-side Anti-UV ABS, fadeless.

Color

Gray/White/Customized

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

Battery: 48V100Ah/48V150Ah lithium Battery

Specification



4 Seater Allroad

Solar

410W flexible solar system

Driving Range

50-60km (Flat, No load)

Tire

23×10-12, off-road Tire with aluminum-alloy hub

Battery

48V150Ah lead acid battery

Motor

AC, 4kW

Controller

AC, 48V

Size

3700×1300×2150mm

Weight

550kg

Warranty

2 Year*

* Warranty terms please check Warranty Page

Cart Chassis

carbon steel

Roof

Dual-side Anti-UV ABS, fadeless.

Color

Gray/White/Customized

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

Battery: 48V150Ah lead acid battery/48V135Ah/48V160Ah lithium Battery



Warranty

Longer Warranty Based on High Quality

Aluminum Alloy Frame	Lifetime (non-human damages)
Solar System	
Carbon Steel	2 Years (non-human damages)
Steering Knuckle	
Motor	
Toyota Controller	
Leaf Spring	
Rear Axle	
Lithium Battery	Spare Parts Available
Vulnerable Parts Wheel Assembly, Brake Shoe, Brake Wire, Windshield, Brake Return Spring, Accelerator Return Spring, Seat, Fuse, Rubber Parts, Plastic Parts, Bearing	
Other Parts (including lead acid battery)	1 Year

R&D Update

Continuous Evolution



New Front Face



Solar Allroad

Contact:

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