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ELECTRIC VEHICLE

1 Year Comprehensive
Warranty

Eco Friendly And 100%
Emissions Free Vehicles

Maintenance Free

No Sound Pollution



KAPLA EV



THE PRODUCT

- The brand commenced its first EV project in 2003
- Succeeded product in Sri Lanka over a decade



Fully electric



Longer mileage on
a single charge



Environmental
friendly materials



Availability of
Spare parts



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ELECTRIC GOLF CART



General Specifications	N1	N1E	N2	N2E	N3	N3E
Passenger Capacity	2	4	4	6	6	8
Battery (Maintenance free Gel Battery)	12V150AH	12V150AH	12V150AH	12V150AH	12V150AH	12V150AH
A/C Motor (E.M.Brushless and Regenerative Braking Motor)	3KW 48V	3KW 48V	3KW 48V	3KW 48V	4KW 48V	4KW 48V
Controller	G/M/300A	G/M/300A	G/M/300A	G/M/300A	G/M/400A	G/M/400A
Charger	48V/18A	48V/18A	48V/18A	48V/18A	48V/18A	48V/18A
Max Speed	24Km/h	24Km/h	24Km/h	24Km/h	24Km/h	24Km/h
Max Travelling Range	70Km	70Km	70km	70Km	60Km	60Km
Climbing Capacity	30%	30%	30%	30%	30%	30%
Brake Range	≤ 4.5m	≤ 5m	≤ 5m	≤ 5m	≤ 5m	≤ 5m
Minimum Turning Radius	3.2m	3.2m	4.5m	4.5m	6m	6m
Gross Weight	490kg	520kg	610kg	640kg	700kg	730kg
Carrying Capacity	360kg	460kg	480kg	580kg	640kg	740kg
Steering	Rack and Pinion Steering	Rack and Pinion Steering	Rack and Pinion Steering	Rack and Pinion Steering	Rack and Pinion Steering	Rack and Pinion Steering
Brakes	Rear wheel Hydraulic Drum Breaks	Rear wheel Hydraulic Drum Breaks	Rear wheel Hydraulic Drum Breaks	Rear wheel Hydraulic Drum Breaks	Rear wheel Hydraulic Drum Breaks	Rear wheel Hydraulic Drum Breaks
Tire	18*8.50-8,4Ply	18*8.50-8,4Ply	18*8.50-8,4Ply	18*8.50-8,4Ply	18*8.50-8,4Ply	18*8.50-8,4Ply
Ground Clearance	100mm	100mm	100mm	100mm	100mm	100mm
Overall Dimension	2340*1200*1760mm	2568*1200*1760mm	3070*1200*1900mm	3298*1200*1900mm	3820*1200*1900mm	4048*1200*1900mm
Optional Parts	Lighting System, Side Mirror, Seat Belts, Weather Enclosure, Police Light, PA System, CD Player, Extra Baggage Carrier					



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EV RANGE...



**ELECTRIC
STREET CAR**

**ELECTRIC 3
WHEELED GOLF
CART**



**ELECTRIC
CHEVIE JEEP**

**E-BUS
14 SEATER BUS**



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SPG EV

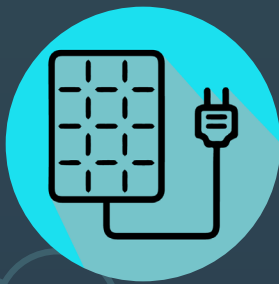


CORE TECHNOLOGY

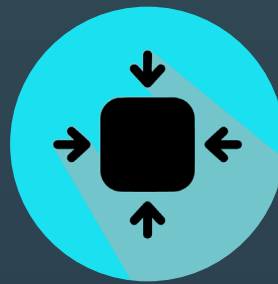
— SPG Patented Solar System

- Increased Battery Life by 25 - 75%
- Increase Driving Distance 5 - 15 Miles
- Save up to and over \$400 Annually
- Decrease "Plug-in" frequency
- 25 - 75% Reduction in "Plug-in" Energy Use & Consumption

— Vehicle Grade Lithium Battery



Solar Charger
Plug



Lighter, Smarter,
Smaller



+5 Years Lifetime



Higher
Charge-discharge
Efficiency

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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.



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2 SEATER



Solar

280W flexible solar system

Battery

48V150Ah lead acid battery

Size

2510*1220*1850mm

Cart Chassis

Aluminium alloy

Driving Range

70-80km (Flat, No load)

Motor

AC/DC, 4kW

Weight

420kg

Roof

Dual-side Anti-UV ABS,
fade-less

Tire

18*8.50-8, 4PR

Controller

AC/DC, 48V

Warranty

2 Year*

* Warranty terms please check Warranty
Page

Colour

SPG-Gray/White/Customized

Brakes: Drum brake + electromagnetic brake + electronic parking

Battery: 48V100Ah/48V150Ah lithium Battery

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2+2 SEATER



Solar

410W flexible solar system

Battery

48V150Ah lead acid battery

Size

2795*1220*1850mm

Cart Chassis

Aluminium alloy

Driving Range

60-70km (Flat, No load)

Motor

AC/DC, 4kW

Weight

450kg

Roof

Dual-side Anti-UV ABS, fade-less

Tire

18*8.50-8, 4PR

Controller

AC/DC, 48V

Warranty

2 Year*

* Warranty terms please check Warranty Page

Colour

SPG-Gray/White/Customized

Brakes: Drum brake + electromagnetic brake + electronic parking

Battery: 48V100Ah/48V150Ah lithium Battery

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4 SEATER



Solar

410W flexible solar system

Battery

48V150Ah lead acid battery

Size

3380*1350*1850mm

Cart Chassis

Aluminium alloy

Driving Range

50-60km (Flat, No load)

Motor

AC/DC, 4kW

Weight

500kg

Roof

Dual-side Anti-UV ABS, fade-less

Tire

18*8.50-8, 4PR

Controller

AC/DC, 48V

Warranty

2 Year*

* Warranty terms please check Warranty Page

Colour

SPG-Gray/White/Customized

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

Battery: 48V100Ah/48V150Ah lithium Battery

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2+2 SEATER ALLROAD



Solar

410W flexible solar system

Battery

48V150Ah lead acid battery

Size

3150×1300×2150mm

Cart Chassis

Carbon steel

Driving Range

50-60km (Flat, No load)

Motor

AC, 4kW

Weight

480kg

Roof

Dual-side Anti-UV ABS,
fade-less

Tire

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

Controller

AC, 48V

Warranty

2 Year*

* Warranty terms please check Warranty
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Colour

SPG-Gray/White/Customized

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

Battery: 48V100Ah/48V150Ah lithium Battery

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4 SEATER ALLROAD



Solar

410W flexible solar system

Battery

48V150Ah lead acid battery

Size

3700×1300×2150mm

Cart Chassis

Carbon steel

Driving Range

50-60km (Flat, No load)

Motor

AC, 4kW

Weight

550kg

Roof

Dual-side Anti-UV ABS,
fade-less

Tire

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

Controller

AC, 48V

Warranty

2 Year*

* Warranty terms please check Warranty
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Colour

SPG-Gray/White/Customized

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

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

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Warranty

Longer Warranty Based on High Quality

Aluminium Alloy Frame	Lifetime (Non-human damages)
Solar System	2 Years (Non-human damages)
Carbon Steel	
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 Revolution



New Front Face



New Front Face

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WHY ELECTRIFY MALDIVES?

- ✓ Strive to do what is right and do what we say.
- ✓ Treat people with respect.
- ✓ Be innovative to create a competitive edge.
- ✓ Exceed expectations consistently.
- ✓ Be conscious about our environment.

The knowledge of experts is not only evident through superior product design but also through dedicated after sales and customer support.



Established Service
support with full
customer engagement



Proven Reliability and
Low Life-Cycle Cost



High Efficiency and
Operational Flexibility



High Quality Electrical
Performance



Rapid Product
Availability



24/7/365 Support

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