

BROCHURE OF SMART CHARGE

Mobile EV Charging Robot- 'SmartCharge'



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SMART CHARGE

(360kW/480kW/720kW)

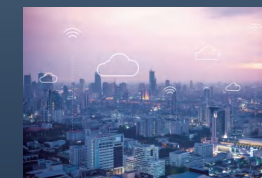
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COMPANY PROFILE

About us

Shenzhen Sheng Chuang electric technology co.,LTD started as a new business unit by Sunfly Holding Group (Stock Code: 300423) which was established in 2010.

Shengchuang electric technology co., LTD., its brands include: ansei and Ann theory, antell farce series brand for the Chinese domestic charging infrastructure, photovoltaic energy storage equipment and digital distribution area of the three categories of products. Ansei series brand outside China covers energy storage device, charging equipment, photovoltaic equipment and other products. Two brands complement each other, common to provide users with more high-quality products and services.





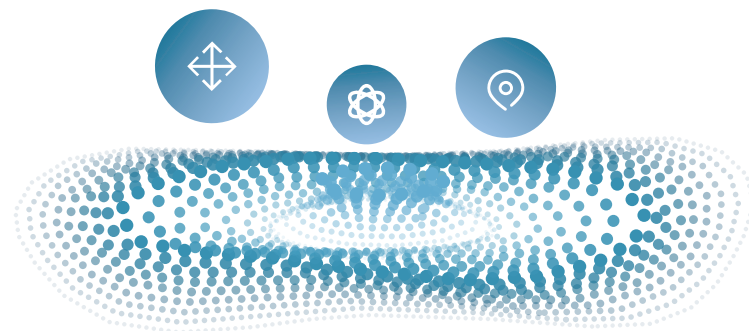
Part one

PRODUCT INTRODUCTION



Mobile charging robot "SmartCharge" new energy intelligent charging robot, from "car looking for charger" to "charger looking for car", car owners won't need to struggle to find a charge pile anymore.

Use process "SmartCahrger" charging car equipped with 90 degree battery, national standard DC fast charging, the fastest 30 minutes to 80% power. It provides new energy vehicle owners with a high-quality, senseless charging service, so that charging is no longer anxiety.



Functional Features

- Intelligent Systems
- 360 Degree Camera
- Large Storage Capacity
- Charging Cable Length
- DC Fast Charging
- Standard Charging Interface

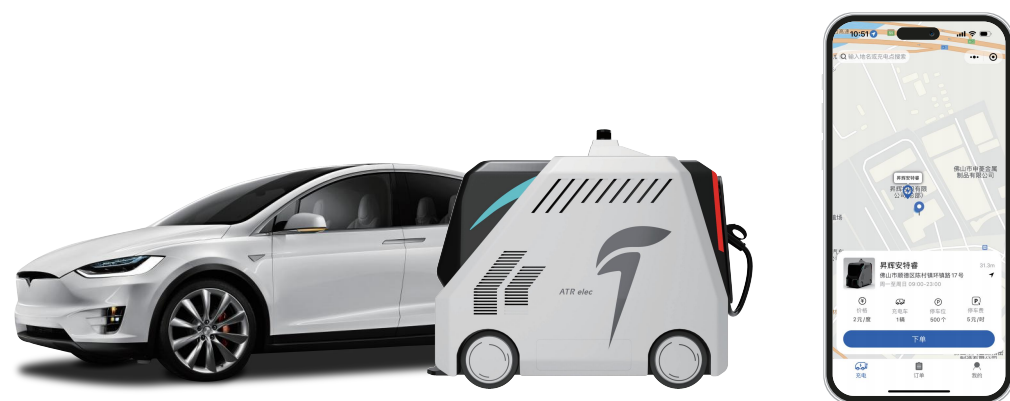


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Intelligent Systems

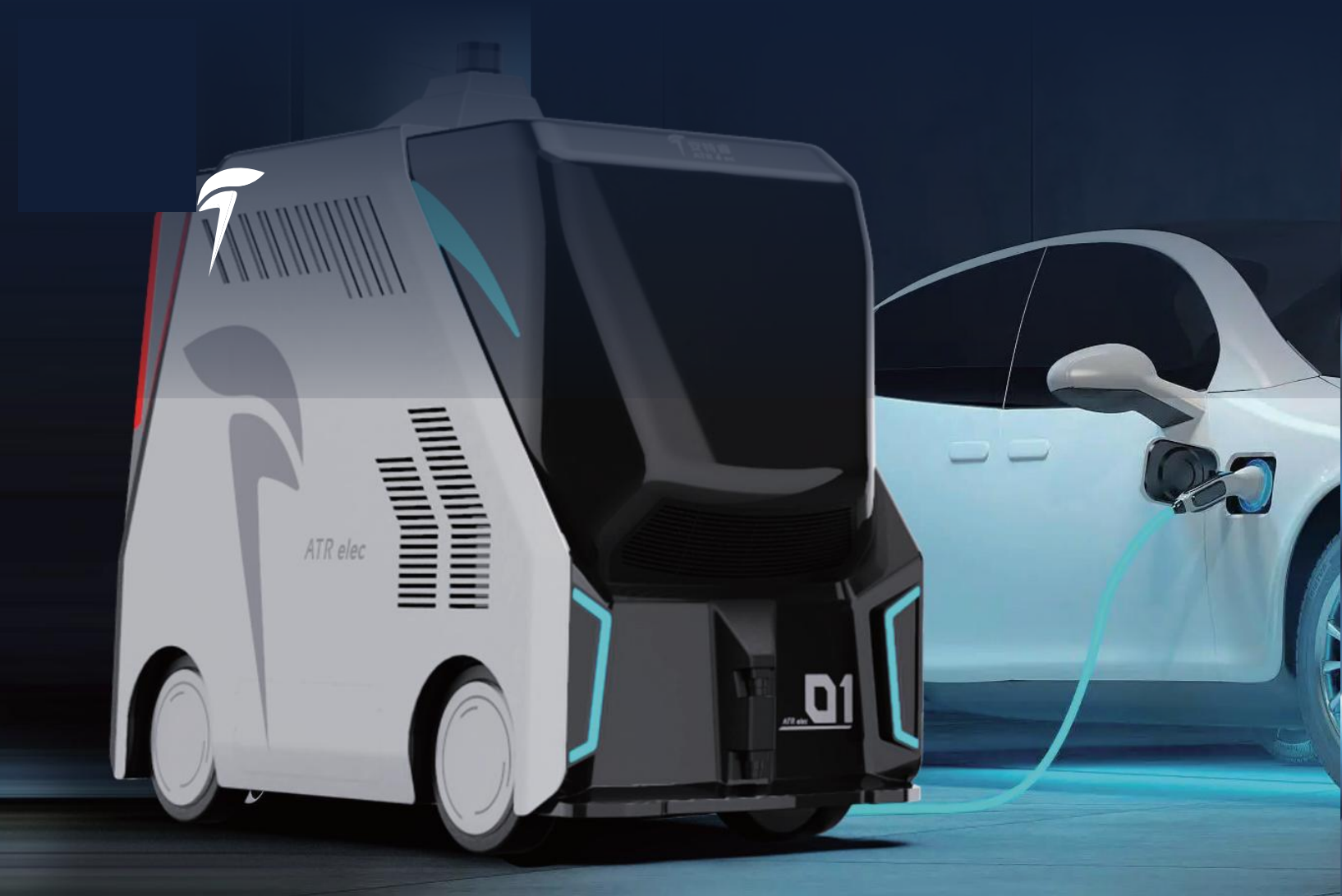
Make an appointment through the applet. Mobile EV Charging Robot- "SmartCharge" autonomously locates and locks and drives to the vehicle to be charged.



360 Degree Camera

The front and rear of the vehicle are equipped with high-definition cameras, driving and charging process full video.





Large Power Storage

CATL Storage Battery Strategic Cooperation carries 90-degree energy storage batteries, which can meet the charging needs of 2-3 vehicles at a time.

CATL
宁德时代

90 kWh



Charge Cable Length

3 meters charging cable, the generation of charging car side of the multi-directional available.



3M



90 kW/h

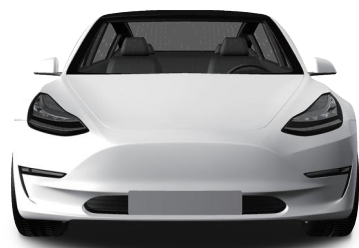
Standard Charging Interface

DC Fast Charging

90kW/h fast charging muzzle, as fast as 30 minutes to 80% charge.

Compatible with all brands of new energy vehicles, such as Tesla, Nio, XPeng Motors, NETA, BYD, HiPhi, Mercedes-Benz, BMW and almost all brand new energy vehicles.

30



MIN

✓ 80%



90kW/h 3C level





Mini Body

Specification 2069*946*1754mm.Suitable for small and complex driving environment.



Parking spaces in old neighborhoods



Irregular parking spaces



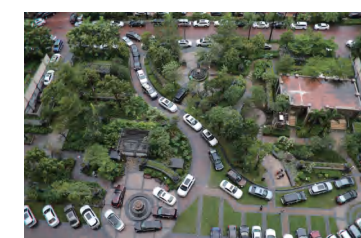
Parking lots with slope<math><11^\circ</math>



Narrow aisle



On-street parking spaces



Flower bed green side







Part two

APPLICATION SCENARIO

Wide Range Of Applications

The SmartCharge car adapt to various complex scenarios,such as indoor, outdoor, rain and high temperature, and almost covers all parking lot environments.

<p>Indoor </p>	<p>Outdoor </p>
<p>Rain </p>	<p>Hot </p>

Application scenario

Parking lot in downtown where charging is inconvenient

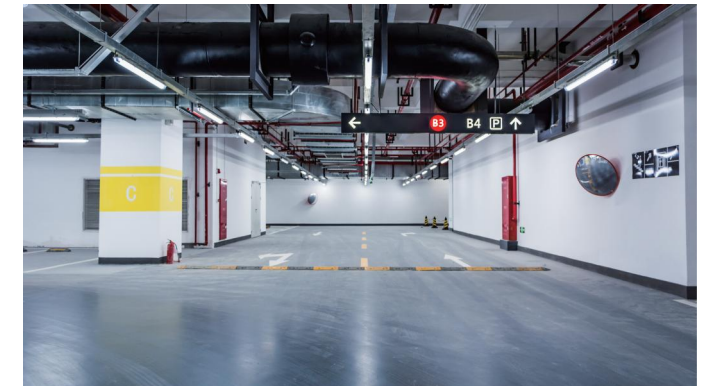
Business plaza

The office buildings and shopping malls in the urban CBD are facing a shortage of parking spaces, especially for new energy vehicles. There is a huge demand for charging facilities for new energy vehicles.



Indoor parking garage

It is difficult to install charging facilities in an indoor garage, but Little Smart Charging can flexibly solve the charging needs of indoor parking garages.



Hospital

Large hospitals have tight parking spaces and it's difficult to fully meet the charging needs of hospital staff and patients' vehicles. Small intelligent charging can be the best supplement.



Application scenario

Parking lot with distinct peaks and valleys.



Highway rest area

Highway service areas have obvious tidal characteristics. During holidays, a large number of new energy vehicles flock to different highway service areas, and the average charging queue time for each car is more than 2 hours. The Little Smart charging robot can be flexibly deployed according to the actual situation of the service area to solve the problem of new energy vehicle congestion in the service area.



Popular scenic spots

During holidays, parking lots in popular scenic areas can become overloaded and congested. It can be solved by flexibly deploying the SmartCharge robot to meet the charging needs of new energy vehicles.

High-speed rail stations / Airports

High-speed rail stations and airports during holidays will see a lot of short-term tourists and their vehicles, causing a shortage of charging station availability. The Little Smart charging robot can help vehicle owners to solve the problem of having no charging station available.

Application scenario

Parking lots with a scarcity of public fast charging stations



Residential communities

Most residential areas cannot install fast charging piles, and many car owners cannot charge without a fixed parking space. Public charging piles in residential areas cannot meet the charging needs. The Smart Charge can be flexibly reserved, intelligently lock the parking space, charge during off-peak hours, and solve the problem of car owners' charging troubles.



Government institutions & schools

The number of charging piles in administrative institutions, parks, and universities is relatively small, while there is a significant demand for charging public-level new energy vehicles and employee vehicles. The SmartCharge Car can be a great supplement.



Part three USE PROCESS



Ordering process

- 01 Open antflash charging mini program
- 02 Select the charging station and place the order
- 03 Fill in the relevant information and place the order
- 04 Complete the charging order



Operating instructions

- 01 In a parking lot, use the mobile app to call the Smart-Charge.



- 02 After the SmartCharge arrives at the scene, take out the charging gun and connect it to



- 03 The mini program reminds the car owner when the charging is completed



- 04 Unplug the charging gun and settle the payment automatically.





Part four

MULTIPLE GUARANTEES



Quality assurance

The energy storage battery is supplied by CATL



Battery load management

BMS intelligent battery management Multi-dimensional compensation,flexible output of vehicle charging current and voltage



Comprehensive car insurance

China People's Insurance Company provides third-party liability insurance.



Active obstacle avoidance system

Actively stops within milliseconds when encountering pedestrians or obstacles.



Smart firefighting

Has real-time flame retardant function and has obtained authoritative 3C certification.



Part five

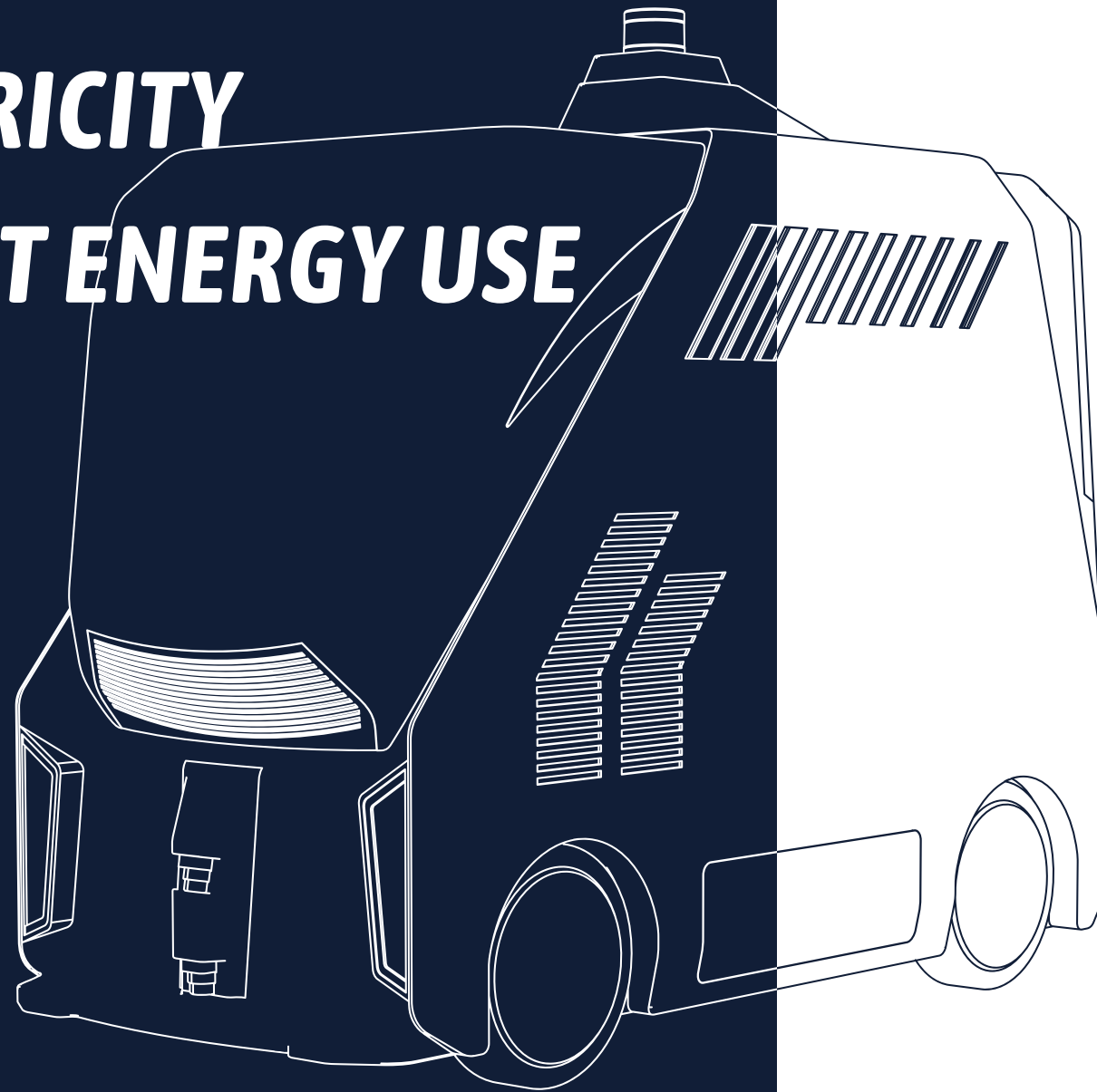
RELATED PARAMETERS & AFTER-SALES SERVICE

Detailed specifications	Parameter details
Overall vehicle size	2069*946*1754mm
On-board battery volume	90kWh
Overall vehicle weight	1250kg
Number of charging output ports	1
Number of charging input muzzle	1
Maximum output power	90kW
Battery brand/type	CATL
Battery box model	BC3
Maximum driving speed	7km/h
Minimum turning radius	4.5m
Maximum climbing ability	Slope of 20%(approximately equal)
Number of LiDAR sensors	One 16-line LiDAR+three single-line
Navigation mode	SLAM
Driving recorder	4
Touchscreen	7 inches

Component module	Warranty period	Description
Car body module	5 years	Chassis, powertrain, shell, display system of the vehicle.
Energy storage battery pack	5 years/600,000kWh	Take the minimum value of both.
Power battery	2 years	Outside of the warranty period, replace at the cost of the parts.
Discharge	2 years	Outside of the warranty period, replace at the cost of the parts.
Firefighting	1 years	Outside of the warranty period, replace at the cost of the parts.
Refrigeration	2 years	Outside of the warranty period, replace at the cost of the parts.
Tires	1 years	Outside of the warranty period, replace at the cost of the parts.
LiDAR	1 years	Outside of the warranty period, replace at the cost of the parts.
Camera	1 years	Outside of the warranty period, replace at the cost of the parts.
Car DVR	1 years	Outside of the warranty period, replace at the cost of the parts.
Remote controller	1 years	Outside of the warranty period, replace at the cost of the parts.
Other components	1 years	Outside of the warranty period, replace at the cost of the parts.



SAFE ELECTRICITY INTELLIGENT ENERGY USE



To infinity and beyond