KSTAR

Customer Focused, Quality Oriented

Kstar Electric Vehicle Charging System Solution

WWW.KSTAR.COM.CN

KSTAR

KSTAR

Company Overview/Strategic Customers

Shenzhen R&D Center

2 Major R&D Centers

Fuzhou R&D Center

7 Major Factory Bases

Shenzhen Guangming High-tech Zone KSTAR Industrial Park

Guangdong Huizhou Zhongkai High-tech Zone KSTAR Industrial Park

CATL and KSTAR Technology Co., Ltd.

KSTAR (Vietnam) Co., Ltd.

Shenzhen Guanlan Fuyuan KSTAR Industrial Park

Jiangxi Changxin Golden Sunshine Power Supply Co., Ltd.

Jiangsu KSTAR Energy Technology Co., Ltd.

1993
Establishment Time
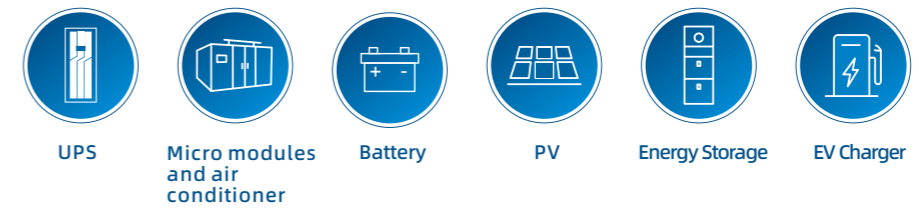
4.4⁺ Billion
2022 Business Overview

2010
Time to Stock Exchange

Company Overview

KSTAR was founded in 1993 and was listed on the Shenzhen Stock Exchange in 2010 (stock code: 002518). For 30 years, it has focused on the research and development and manufacturing of UPS power supply, micro modules and air conditioner, batteries, PV, energy storage, and EV charger and has been a leading provider of comprehensive solutions in the smart energy field.

Service System
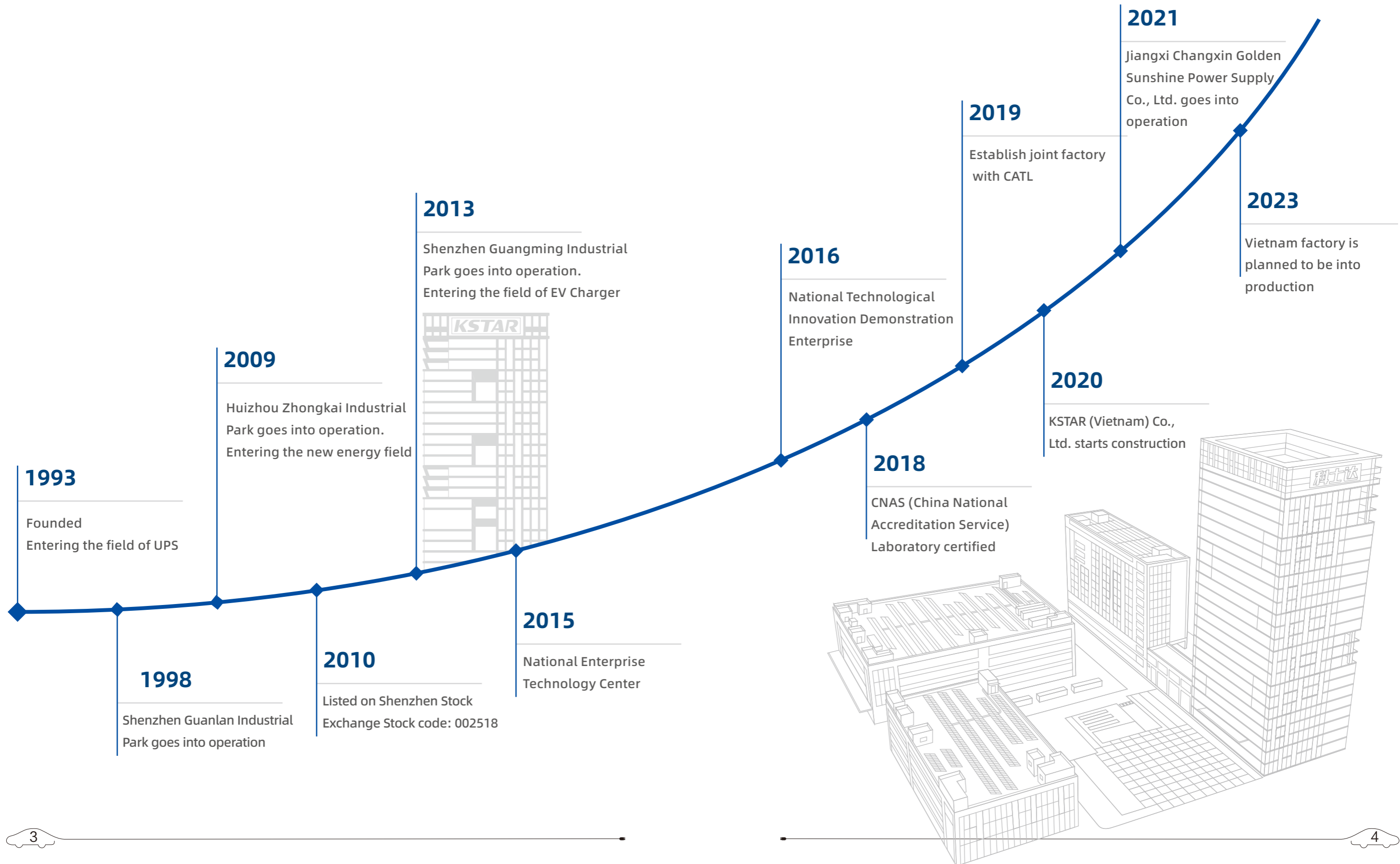
KSTAR is the first in the industry to establish a multi-level service center with a complete coverage, reasonable layout, and close to users, based on the architecture of "Headquarters Customer Service Center, Regional Technical Support Center, Local/Country Aftersales Service Center, Regional Service"

UPS | Micro modules and air conditioner | Battery | PV | Energy Storage | EV Charger

Development Milestones

2021

Jiangxi Changxin Golden Sunshine Power Supply Co., Ltd. goes into operation

2019

Establish joint factory with CATL

2013

Shenzhen Guangming Industrial Park goes into operation. Entering the field of EV Charger

2016

National Technological Innovation Demonstration Enterprise

2023

Vietnam factory is planned to be into production

2009

Huizhou Zhongkai Industrial Park goes into operation. Entering the new energy field

2020

KSTAR (Vietnam) Co., Ltd. starts construction

1993

Founded
Entering the field of UPS

2018

CNAS (China National Accreditation Service) Laboratory certified

2015

National Enterprise Technology Center

1998

Shenzhen Guanlan Industrial Park goes into operation

2010

Listed on Shenzhen Stock Exchange Stock code: 002518

Kstar, Right by Your Side

78
Technical service centers

450+
Technical service staffs

128
Technical service stations

7×24 hours
response service

KSTAR's business covers more than 180 countries and regions, adhering to "customer centric" and bring high quality services to all parts of the world to create greater value for customers

North America

◆ Mexico

Europe

◆ UK   ◆ France
◆ Netherlands ◆ Hungary
◆ Germany   ◆ Spain
◆ Poland   ◆ Italy
◆ Ukraine   ◆ Turkey

Asia

◆ China   ◆ India
◆ Korea   ◆ UAE
◆ Vietnam ◆ Kazakhstan
◆ Malaysia

Global Service Centre

South America

◆ Brazil

Africa

◆ Nigeria
◆ South Africa

Oceania

◆ Australia

Kstar Manufacturing Bases

DC charger assembly workshop

AC charger assembly workshop

Charging Module assembly workshop

Computer numerical control production line

Laser cutting machine

Weld robot

SMT production line

Electronic load

Automatic optical detection line

Fully automated testing system

Aging system

Module test

EMI laboratory (measuring RE radiation interference)
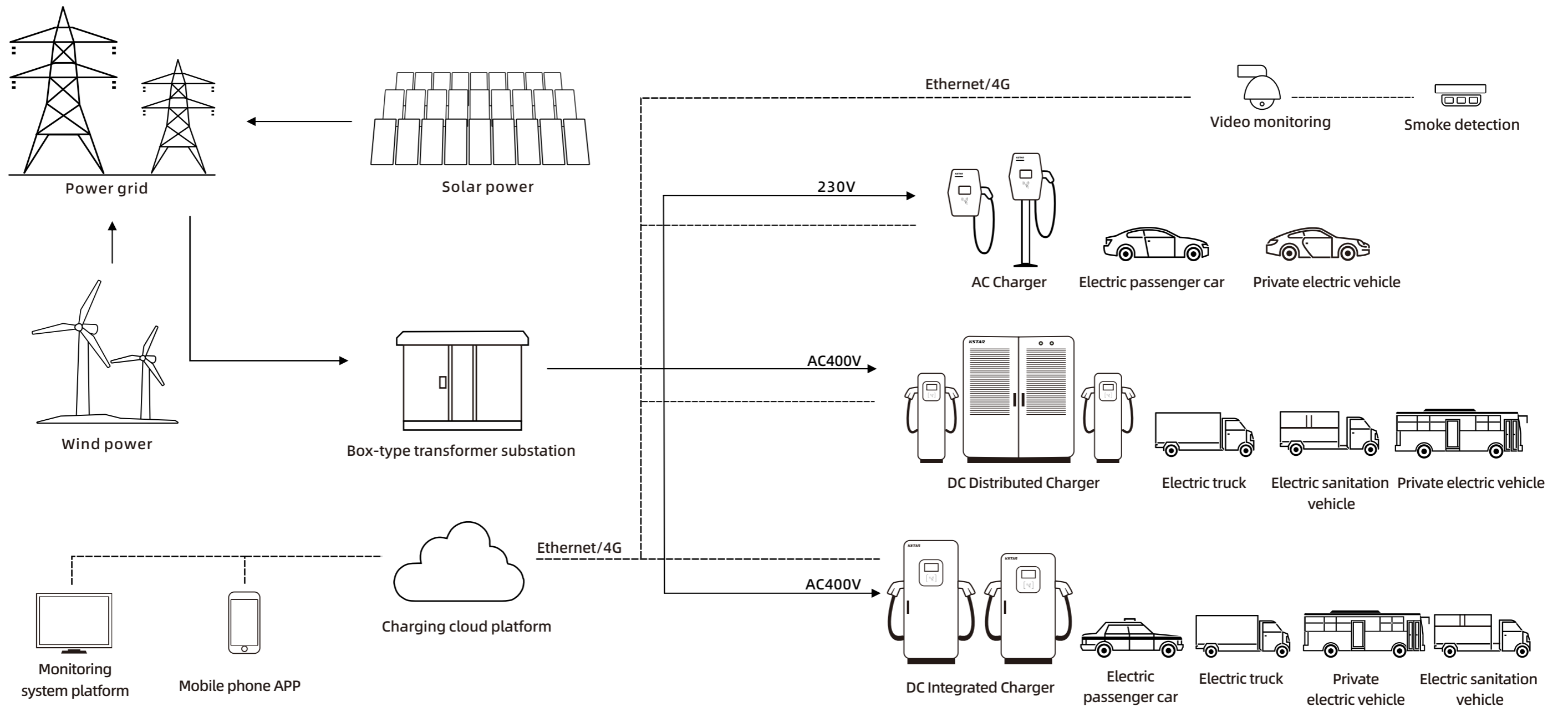

Environmental Compatibility Laboratory

Waterproof laboratory

Kstar EV Charger Integrated Solution

Description

The integrated solution of Kstar charging station uses an intelligent and safe charging system, combined with intelligent charging cloud platform, power, fire protection, and security monitoring

Application Scenario

Bus stations, charging stations, high-speed service areas, gas stations, residential areas,commercial complexes, scenic spots, etc.

Power grid

Solar power

Wind power

Box-type transformer substation

Charging cloud platform

Monitoring system platform

Mobile phone APP

Ethernet/4G

Video monitoring

Smoke detection

230V

AC Charger

Electric passenger car

Private electric vehicle

AC400V

DC Distributed Charger

Electric truck

Electric sanitation vehicle

Private electric vehicle

Ethernet/4G

AC400V

DC Integrated Charger

Electric passenger car

Electric truck
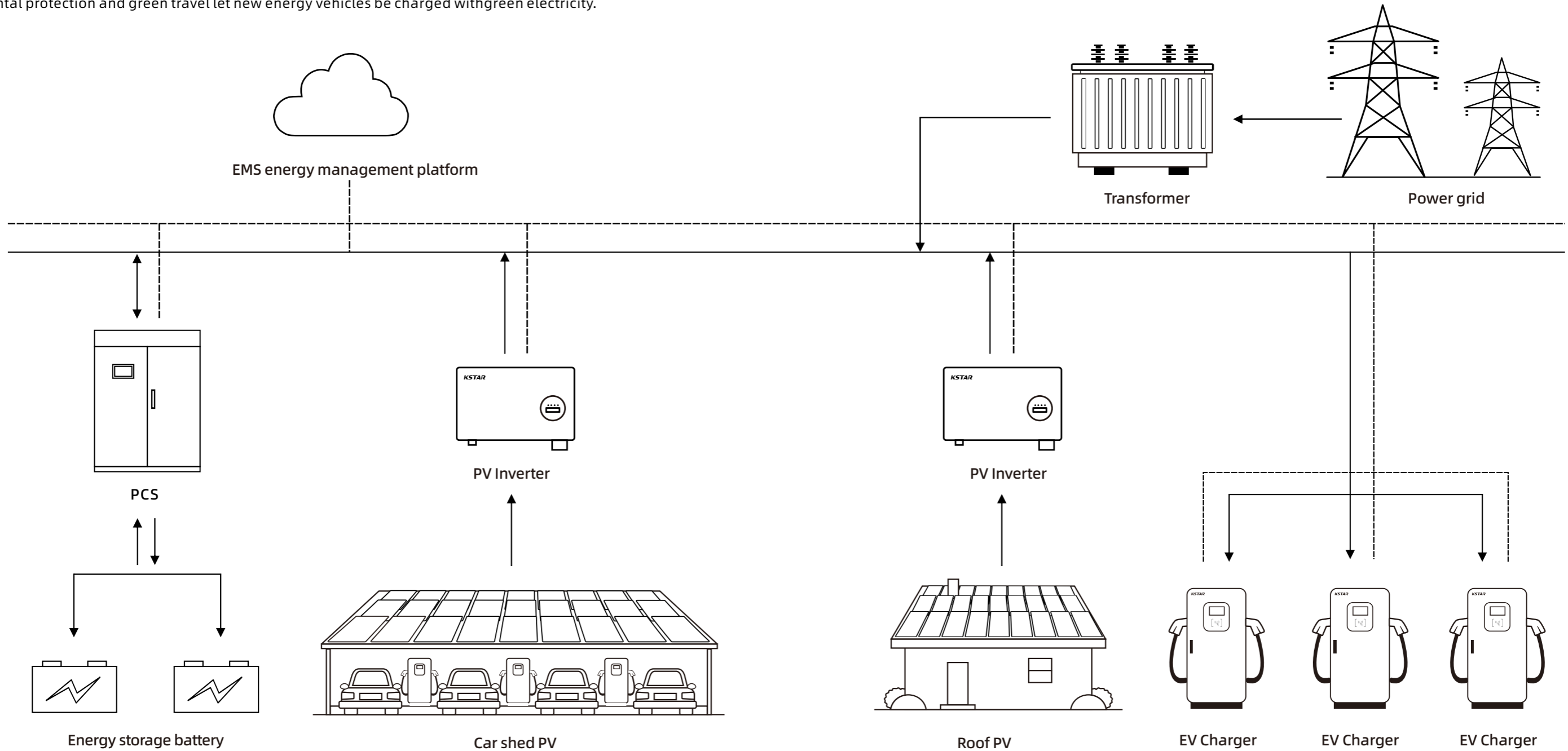
Private electric vehicle

Electric sanitation vehicle

Program Overview

Kstar provides a full range of PV storage and charging products and integrated solutionsfrom PV inverter energy storage PCS, DC converter, charging pile and energy management system EMS, realizes functions such as self-sufficient, surplus electricity to the grid, peak load shifting, emergency power supply, improve ment of power quality,and promotion of energy conservation and emission reduction. Low-carbonenviron mental protection and green travel let new energy vehicles be charged withgreen electricity.

Application Scenario

Charging stations, transport hubs, industrial parks, commercial complexes, etc.

EMS energy management platform

Transformer

Power grid

PCS

PV Inverter

PV Inverter

Energy storage battery

Car shed PV

Roof PV

EV Charger

EV Charger

EV Charger

Technical Specifications

Kstar AC Charger (Commercial Version)	
Power Supply	1P+N+PE
Input/output Power Rating	7kW
Input/output Voltage	230VAC±15%
Input/output Current	Up to 32A
Frequency	50/60Hz
Cable Length	4.5M
Connector Type	IEC 62196 type 2 plug
Dimension	276*100*380mm（W*D*H）
LED Indicator	Green/Blue/Red
LCD Display	4.3" color screen
RFID Reader	MifarelSO/IEC14443 A
Start Mode	RFID card/App
Emergency Stop	Yes
WiFi+Bluetooth	Yes
Ethernet/4G	Optional
OCPP	OCPP 1.6 Json
Energy Meter	AC energy meter
Power Measurement Accuracy	+/- 1.0%
Residual Current Detection	AC 30mA + DC 6mA
Ingress Protection	IP55
Electrical Protection	Over voltage protection, under voltage protection, overload protection, short circuit protection, open circuit protection, leakage protection, grounding protection, over temperature protection, surge protection.
Certification Standard	IEC61851-1, IEC62196
Installation	Wall-mounting, Floor-standing (with pedestal)
Work Temperature	-30℃~+50℃
Work Humidity	5%~95%
Work Altitude	<3000m
Software	OTA updates via web portal

◆**High Protection Level:**
Protection class IP65, suitable for all kinds of harsh environments;

◆**Support Bluetooth Function:**
Start-up, commissioning and upgrade via Bluetooth module;

◆**Remote Upgrade Function:**
Support remote start/stop, remote upgrade and remote rate setting;

◆**Orderly Charging:**
Support regional networking, cooperation of all local chargers, intelligent and orderly charging;

◆**Protection Function:**
Overvoltage protection, undervoltage protection, overload protection, short circuit protection, leakage protection, grounding protection, over-temperature protection, lightning protection, emergency stop function, etc., which is safe and reliable for outdoor use;

◆**Temperature Adaptability:**
Range of working temperature is -30~50℃, strong environmental adaptability

◆**Various Communication Modes:**
Ethernet and wireless 4G communication modes are supported, and charging information and fault information can be uploaded;

◆**Various Start-Up Methods:**
support card start-up charging, sweep code start-up charging, Bluetooth start-up charging, etc;

◆**Human-Machine Interaction:**
Clear display of prompt information, charging information, charging amount, fault information, etc., for easy operation;

◆**Technological & Beauty:**
The shell is made of composite material, the exterior design is technological and beautiful;

◆**Various Installation Methods:**
Wall-mounted or floor-mounted

Technical Specifications

Kstar AC Charger (Home Version)	
Power Supply	1P+N+PE
Input/output Power Rating	7kW
Input/output Voltage	230VAC±15%
Input/output Current	Up to 32A
Frequency	50/60Hz
Cable Length	4.5M
Connector Type	IEC 62196 type 2 plug
Dimension	276*100*380mm（W*D*H）
LED Indicator	Green/Blue/Red
LCD Display	No
RFID Reader	MifarelSO/IEC14443 A
Start Mode	RFID card/App
Emergency Stop	Yes
WiFi+Bluetooth	Yes
Ethernet/4G	Optional
OCPP	OCPP 1.6 Json
Energy Meter	AC energy meter
Power Measurement Accuracy	+/- 1.0%
Residual Current Detection	AC 30mA + DC 6mA
Ingress Protection	IP55
Electrical Protection	Over voltage protection, under voltage protection, overload protection, short circuit protection, open circuit protection, leakage protection, grounding protection, over temperature protection, surge protection.
Certification Standard	IEC61851-1, IEC62196
Installation	Wall-mounting, Floor-standing (with pedestal)
Work Temperature	-30℃~+50℃
Work Humidity	5%~95%
Work Altitude	<3000m
Software	OTA updates via web portal

◆**High Protection Level:**
Protection class IP65 above industry standards, suitable for all kinds of harsh environments;

◆**Technological & Beauty:**
The shell is made of composite material, the exterior design is technological and beautiful;

◆**Support Bluetooth Function:**
Start-up, commissioning and upgrade via Bluetooth module;

◆**Temperature Adaptability:**
Range of working temperature is -30~50℃, strong environmental adaptability

◆**Various Start-Up Methods:**
support card start-up charging, sweep code start-up charging, Bluetooth start-up charging, etc;

◆**Protection Function:**
Overvoltage protection, undervoltage protection, overload protection, short circuit protection, leakage protection, grounding protection, over-temperature protection, lightning protection, emergency stop function, etc., which is safe and reliable for outdoor use;

◆**Timed Charging:**
Support automatic and manual charging time setting, and make full use of low electricity prices to reduce charging costs;

◆**Various Installation Methods:**
Wall-mounted or floor-mounted

Kstar DC Wall-mounted Charger

Technical Specifications

Kstar DC Wall-mounted Charger	
Output Power Rating	20-60kW
Output Voltage	200-1000V
Output Current	Up to 300A
Peak Efficiency	≥95%
Number ofConnector	1*CCS2
Earthing System	3P, N, PE
Input Voltage	3-phase 400V AC±20%
Input Frequency	45-65Hz
Harmonic distortion (THDi)	≤5%
Power Factor	≥0.99
LCD Display	7" color touch screen
Status indication	LCD/LED/APP
RFID Reader	MifarelSO/IEC14443 A
Start Mode	RFID card/QR Code/APP
Emergency Stop	Yes
WiFi+Bluetooth	Yes
Ethernet/4G	Optional
OCPP	OCPP 1.6 Json
Power Measurement Accuracy	+/- 1.0%
Ingress Protection	IP54
Electrical Protection	Over voltage protection, under voltage protection, overload protection, short circuit protection, open circuit protection, leakage protection, grounding protection, over temperature protection, surge protection.
Certification Standard	IEC61851-1, IEC61851-23, IEC61851-24, IEC62196
Work Temperature	-30°C~+50°C
Storage Temperature	-40°C~+50°C
Work Humidity	5%~95%
Work Altitude	<3000m
Cable Length	5M Standard, 6m/7m Optional
Dimension	700*300*610mm(W*D*H)
Installation	Wall-mounting, Floor-standing (with pedestal)
Software	OTA updates via web portal

◆ **Wide Voltage Range:**
Output voltage range is DC200-1000V, suitable for all new energy vehicles on the market;

◆ **Metering Accuracy:**
Level 1.0 is used to accurately measure the charging power;

◆ **Various Start-Up Methods:**
Support card swiping to start charging, code scanning to start charging,

◆ **Remote Upgrade Function:**
Support the functions of remote start/stop, remote upgrade and remote rate setting;

◆ **Complete Protection Functions:**
Over-voltage protection, over-temperature protection, over-current protection, short circuit protection, leakage protection, lightning surge protection, etc;

◆ **Various Installation Methods:**
Wall-mounted or floor-mounted;

◆ **Active Protection Function:**
Real-time monitoring of BMS data abnormalities, battery over-temperature, battery reverse connection, battery overcharge and other dynamic data can actively protect battery safety;

◆ **Various Communication Modes:**
Support Ethernet and 4G communication, upload charging information, and strong anti-interference;

◆ **Modular Design:**
Power modular design, plug-and-play support expansion and easy maintenance;

◆ **Design of Access Control Switch:**
When the box is opened, the system alarm prompts to ensure personal safety;

◆ **High Protection Level:**
Protection class IP54, which meets the requirements for outdoor use;

Technical Specifications

Kstar DC Integrated Charger	
Output Power Rating	60-240kW
Output Voltage	200-1000V
Output Current	Up to 300A
Overall Efficiency	≥95%
Number of Connector	2*CCS2 or 1*CCS2+1*GB/T
Earthing System	3P, N, PE
Input Voltage	3-phase 400V AC±20%
Input Frequency	45-65Hz
Harmonic distortion (THDi)	≤5%
Power Factor	≥0.99
LCD Display	7" color touch screen
Status indication	LCD/LED/APP
RFID Reader	MifarelSO/IEC14443 A
Start Mode	RFID card/QR Code/APP
Emergency Stop	Yes
WiFi+Bluetooth	Yes
Ethernet/4G	Optional
OCPP	OCPP 1.6 Json
Power Measurement Accuracy	+/- 1.0%
Ingress Protection	IP54
Electrical Protection	Over voltage protection, under voltage protection, overload protection, short circuit protection, open circuit protection, leakage protection, grounding protection, over temperature protection, surge protection.
Certification Standard	IEC61851-1, IEC61851-23, IEC61851-24, IEC62196
Work Temperature	-30℃~+50℃
Storage Temperature	-40℃~+50℃
Work Humidity	5%~95%
Work Altitude	<3000m
Cable Length	5M Standard, 6m/7m Optional
Dimension	800*500*1600mm(W*D*H)
Installation	Floor-standing
Software	OTA updates via web portal

◆**Easy installation:**
Adopt all-in-one design for easy installation;

◆**Wide Voltage Range:**
Output voltage range is DC200-1000V, suitable for all new energy vehicles on the market;

◆**High Charging Efficiency:**
Max efficiency is up to 96%, improving the operation efficiency;

◆**Human-machine Interface:**
Display prompt information, charging information, charging amount, alarm information, etc., which is convenient for customers to operate.

◆**Metering Accuracy:**
Level 1.0 is used to accurately measure the charging power;

◆**Various Start-Up Methods:**
Support card start charging, scan code start charging,

◆**Remote Upgrade Function:**
Support the functions of remote start/stop, remote upgrade and remote rate setting;

◆**Hinged Design:**
The equipment is designed with hinged side doors, which is convenient for maintenance;

◆**Active Protection Function:**
Real-time monitoring of BMS data abnormalities, battery over-temperature, battery reverse connection, battery overcharge and other dynamic data can actively protect battery safety;

◆**Case Safety Protection:**
360°anti-collision design, automatically power -off in case of impact inclination of 30°;

◆**Various Communication Modes:**
Support Ethernet and wireless 4G communication, upload charging information, independent isolation design, strong anti-interference;

◆**Modular Design:**
Power modular design, plug-and-play support for expansion for easy maintenance;

◆**Intelligent Speed Regulation:**
Cooling fan can adjust the speed intelligently according to the temperature, reduce the noise and energy consumption of the equipment;

◆**Auxiliary Power Switch:**
Support 12V and 24V screen switching;

◆**High and Low Voltage Isolation Design:**
High voltage and low voltage parts are isolated for safety protection and easy maintenance;

◆**Energy Saving Design:**
In standby mode, the module standby power consumption is 0;

720kw Distributed Charger host   Air cooling terminal   Liquid cooling terminal

◆**Compact Terminal:**
The charging terminal occupies a small area and is easy to install;

◆**Wide Voltage Range:**
Output voltage range is DC200-1000V, suitable for all new energy vehicles on the market;

◆**High Charging Efficiency:**
Max efficiency is up to 96%, improving the operation efficiency;

◆**Flexible Configuration:**
Flexibly configured according to 1-12 plugs;

◆**Metering Accuracy:**
Level 1.0 is used to accurately measure the charging power;

◆**Various Start-Up Methods:**
Support card start charging, scan code start charging, VIN automatic identification charging, etc.;

◆**Remote Upgrade Function:**
Support the functions of remote start/stop, remote upgrade and remote rate setting;

◆**Complete Protection Functions:**
Over-voltage protection, over-temperature protection, over-current protection, short circuit protection, leakage protection, lightning surge protection, etc;

◆**Active Protection Function:**
Real-time monitoring of BMS data abnormalities, battery over-temperature, battery reverse connection, battery overcharge and other dynamic data can actively protect battery safety;

◆**Power Sharing:**
A module can be assigned to any plug;

◆**Various Communication Modes:**
Support Ethernet and wireless 4G communication, upload charging information, independent isolation design, strong anti-interference;

◆**Modular Design:**
Power modular design, plug-and-play support for expansion for easy maintenance;

◆**Intelligent Speed Regulation:**
Cooling fan can adjust the speed intelligently according to the temperature, reduce the noise and energy consumption of the equipment;

◆**Access Control Switch Design:**
When the cabinet door is opened, the system alerts to ensure personal safety;

◆**Auxiliary Power Switch:**
Support 12V and 24V screen switching;

◆**Energy Saving Design:**
In standby mode, the module standby power consumption is 0;

◆**Dust-proof Design:**
Water-washable dust-proof design for easy cleaning;

◆**Flooding Protection Design:**
When the bottom of the charger is flooded with more than 200mm, the input and output will be disconnected and charging will stop.

◆**High Protection Level:**
Protection class IP54, which meets the requirements for outdoor use;

◆**Double-Plug & Double-Pile Charging Function:**
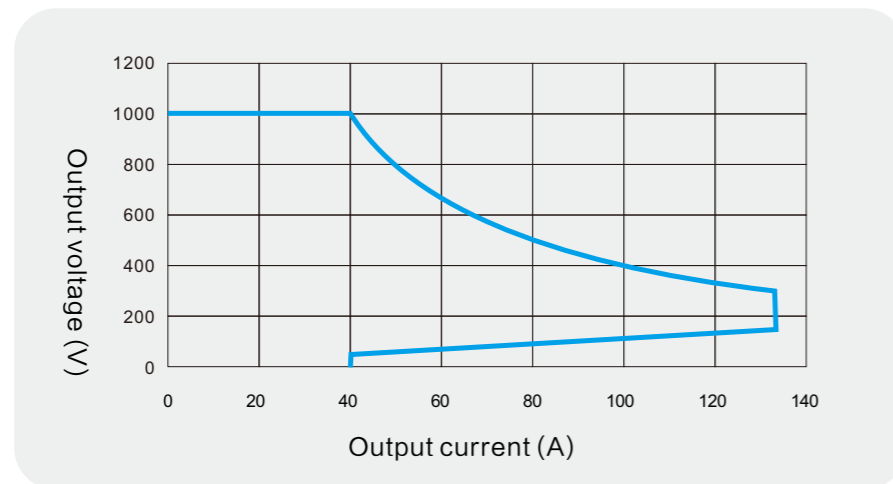Two plugs and two piles can simultaneously charge one vehicle with high power;

Technical Specifications

Kstar DC Distributed Charger	
Output Power Rating	360-720kW
Output Voltage	200-1000V
Output Current	Up to 300A（Air cooling）Up to 600A（Liquid Cooling）
Overall Efficiency	≥95%
Number of Terminals	1-6
Number of Connectors	1-12
Earthing System	3P, N, PE
Input Voltage	3-phase 400V AC±20%
Input Frequency	45-65Hz
Harmonic distortion (THDi)	≤5%
Power Factor	≥0.99
LCD Display	7" color touch screen
Status indication	LCD/LED/APP
RFID Reader	MifarelSO/IEC14443 A
Start Mode	RFID card/QR Code/APP
Emergency Stop	Yes
WiFi+Bluetooth	Yes
Ethernet/4G	Optional
OCPP	OCPP 1.6 Json
Power Measurement Accuracy	+/- 1.0%
Ingress Protection	IP54
Electrical Protection	Over voltage protection, under voltage protection, overload protection, short circuit protection, open circuit protection, leakage protection, grounding protection, over temperature protection, surge protection.
Certification Standard	IEC61851-1, IEC61851-23, IEC61851-24, IEC62196
Work Temperature	-30℃~+50℃
Storage Temperature	-40℃~+50℃
Work Humidity	5%~95%
Work Altitude	<3000m
Cable Length	5M Standard, 6m/7m Optional
Dimension	Host：800*750*1800mm(W*D*H)；Terminal：450*220*1600（W*D*H）
Installation	Floor-standing
Software	OTA updates via web portal

30kW Charging Modules

Technical Specifications

Basic Specification	
Dimension:	380*430*88 （W*D*H)
Weight:	<15kg
Efficiency:	>97%（Peak)
Cooling:	Fan Cooling
Self-consumption:	<6w@400V
Startup time :	3-8s
Input Specification	
Input voltage:	260-485Vac
AC input mode:	3W+PE
Input frequency:	45-65Hz（Rated frequency: 50/60Hz)
Input current:	≤60A
Power factor:	>0.99
THDi:	< 5%
Output Specification	
Output voltage:	150-1000Vdc
Output power:	30kW
Ripple factor:	≤0.5%
Environmental Specification	
Altitude:	≤2000m
Operating temperature:	-40 – 75℃
Storage temperature:	-40 –85℃
Relative humidity:	≤95%
MTBF:	500,000 hours
Noise:	≤65dB
Standards Compliance	

EN 61851-23 in conjunction with EN 61851-1:2011; EN IEC 61851-1: 2019; 61851-21-2;
EN 62477-1:2012+A11+A1+A12

Output Characteristic Curves

Output Characteristic Curves

◆**High efficiency:** Max efficiency is greater than 97%;

◆**Wide voltage range:** DC150V-1000V;

◆**Parallel capability:** Support parallel operation of 60 charging modules;

◆**Low noise design:** Reduced impact of noise on the environment;

◆**Low standby power consumption:** Improved operating income;

◆**Perfect protection function:** Protection against input overcurrent, input overvoltage, output reverse connection, output short circuit, output anti-backfill, over-temperature, etc.;

◆Built-in current anti-backfill circuit, automatic protection for reverse battery connection;

◆Built-in PFC circuit to improve the input power factor;

◆**Ultra-wide constant power range:** DC300-1000V;

20kW Charging Modules

Technical Specifications

Basic Specification	
Dimension:	218*460*88mm（W*D*H）
Weight:	<15kg
Efficiency:	>96%（Peak）>95%（Full Load）
Cooling:	Fan Cooling
Self-consumption:	<6w@400V
Startup time :	3-8s
Input Specification	
Input voltage:	285-475V
AC input mode:	3W+PE
Input frequency:	45-65Hz（Rated frequency: 50/60Hz）
Input current:	≤40A
Power factor:	>0.99
THDi:	< 5%
Output Specification	
Output voltage:	200-1000Vdc
Output power:	20kW
Ripple factor:	≤0.5%
Environmental Specification	
Altitude:	≤2000m
Operating temperature:	-40 – 75℃
Storage temperature:	-40 –85℃
Relative humidity:	≤95%
MTBF:	500,000 hours
Noise:	≤65dB
Standards Compliance	
EN 61851-23 in conjunction with EN 61851-1:2011; EN IEC 61851-1: 2019；61851-21-2；EN 62477-1:2012+A11+A1+A12	

Output Characteristic Curves

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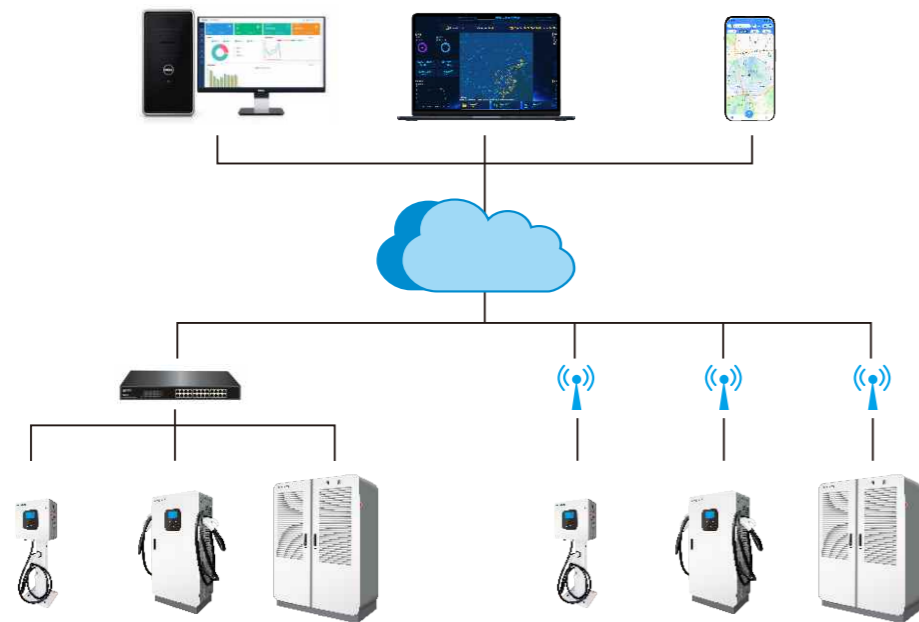◆**Ultra-wide constant power range:** DC300-1000V;

Intelligent Monitoring System

Customer Focused, Quality Oriented

Kstar K charging operation platform is a system platform for the integrated service of "people, vehicle and pile" developed based on "charging service". It is a web-based remote monitoring system. The user creates a power station through the system, monitors the operation status of each charging pile in real time after adding charging piles under the power station, gets the key data such as the charging power and charging amount, and views the operation status of the equipment at a glance, including faults, alarms, etc. The analysis chart can be used for effective assessment of the operation status of the power station.

K charging — Modular — Complete functions — Multiple payments — Visualized — Integrated

Topology diagram of monitoring system

Charging methods

Scan QR code with WeChat

VIN

Scan QR code with Automatic identification of VIN code

Start charging with IC card

Product Features

Station management: Support charging station management, charging station map, station comment and station query, which is convenient for station management;

Charging pile management: View the real-time status of the equipment (offline, idle, charging), charging details, alarm notifications, and regular inspections;

Finance management: Top-up management, refund management, order management, reconciliation management, invoice management;

Operation management: Rate customization, coupon definition, advertising campaign management, information management;

User management: Add users and assign user roles through the system, create and modify membership cards, query applet users, manage user vehicles, etc.;

Safety management: Database supports backup to ensure data safety and integrity all round.

System management: Support sub-account settings, access rights settings;

Remote management: Support remote start/stop, remote rate setting and remote upgrade.

Open platform: The open platform is used for third-party platform access;
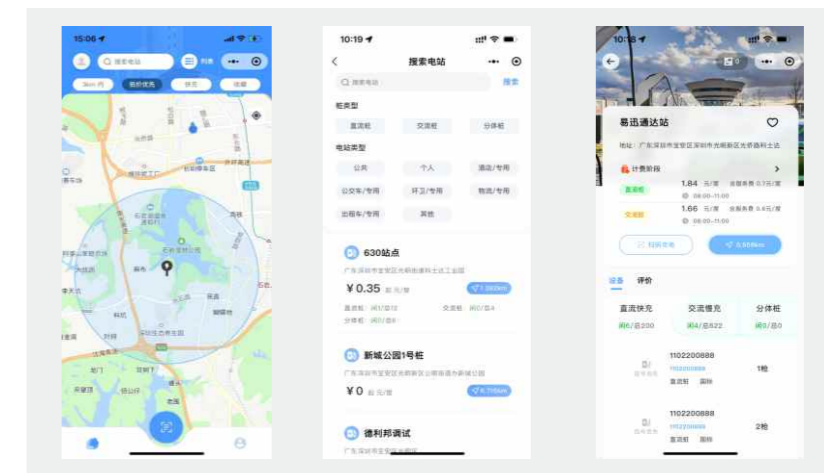
Quickly find charging piles

Support positioning and navigation

Query charging status in real time

View equipment status in real-time

Transparent charges

Scan with WeChat for payment

State Grid Project

China Petroleum Project

Southern Power Grid Project

China Tower Project

Sinopec Project

China Potevio project

China Gas Project

Changsha Traffic Investment Project

Wuling Power Project

Shudao Group Project

Wuxi Municipal Project

Huanggang Traffic Investment Project

Fujian Mintou Project

**Ningde Traffic
Investment Project**

**Shenzhen
Energy Group Project**

**Yingkou Traffic
Investment Project**

Shangqiu Municipal Project

**Shenyang
Anyun Group Project**

Cases

Fujian Quanzhou Public Transport Project

ZhongshanBus Project

Beijing Daxing Bus Project

ChangchunBus Project

Guangzhou Bus Project

JilinBus Project

**Shandong
Huicheng Bus Project**

**Zhejiang Quzhou
Sports Park Project**

Shandong Linyi Bus Project
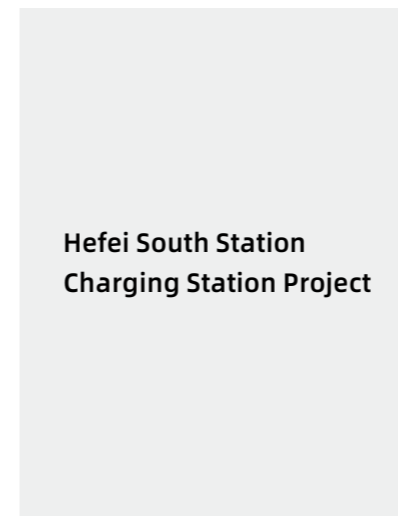
**Hefei South Station
Charging Station Project**

**Shandong
Yanggu Bus Project**

**Xi'an High
Speed Rail Station Project**

BYD Charging Project

Chang'an
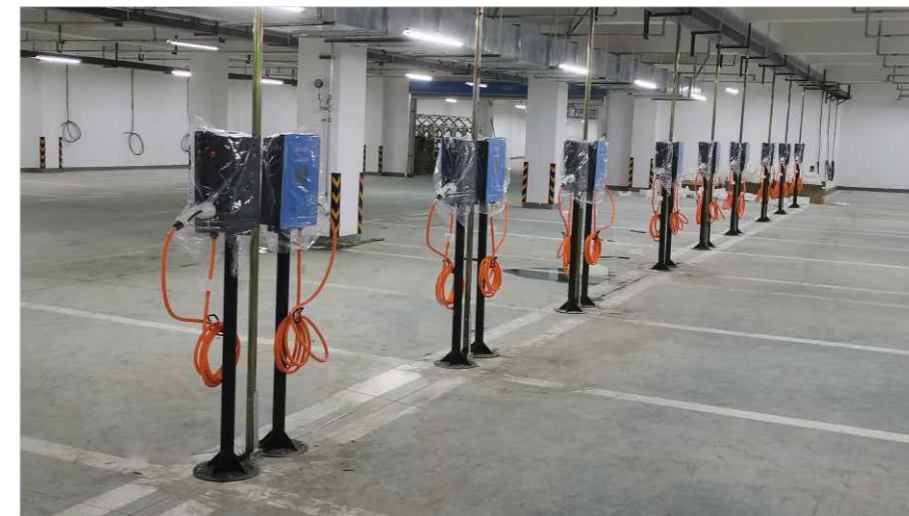Automobile Project

Shenzhen S.F. Express
Logistics Park Project

Shenzhen Shajing
Charging Station Project

Japan Charging
Station Project

Shaanxi Lakelei
Mansion Project

Certification Certificate for Key High te
ch Enterprises under the National Torch Program

National-recognized enterprise technology center

CNAS (China National Accreditation Service)
Laboratory, China

TÜV Rheinland Laboratory, Germany

National Technological
Innovation Demonstration Enterprise

The seventh batch of
national level green factories

Cape Test Inspection
ReportCQC certification

China Southern
Inspection Report

Inspection Report of
Guangdong Institute of Quality
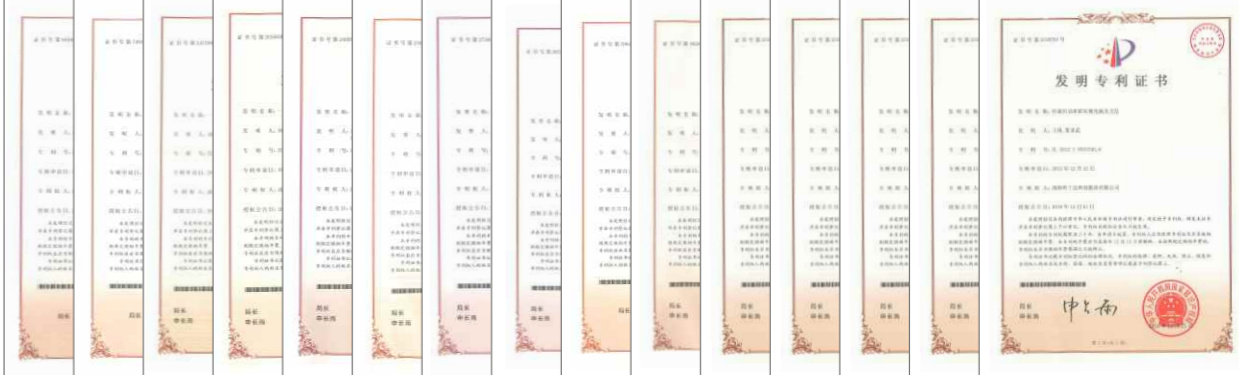
Testing and certification
of charging station products

ISO27001Quality
management
system certification

ISO9001Quality
management system
certification

ISO14001Environmental
management
system certification

OHSAS18001 Occupational
Health and Safety Management
System Certification Certificate

IECQ Qc080000
Hazardous substance
process management
system certification

Invention Patent