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Company Profile







Founded in 1993, Shenzhen KSTAR Science & Technology Co., Ltd (Stock Code:002518) is a National Torch Plan Key High-tech Enterprise, and also a pioneer of UPS industrial and a total solution provider for Data Center Critical Infrastructure, Photovoltaic Inverter Systems & EV Charger Systems in Mainland China. KSTAR is fully committed to the R&D and has been providing high-quality products with full service to over 90 countries and regions worldwide, leading the industrial development with innovation.

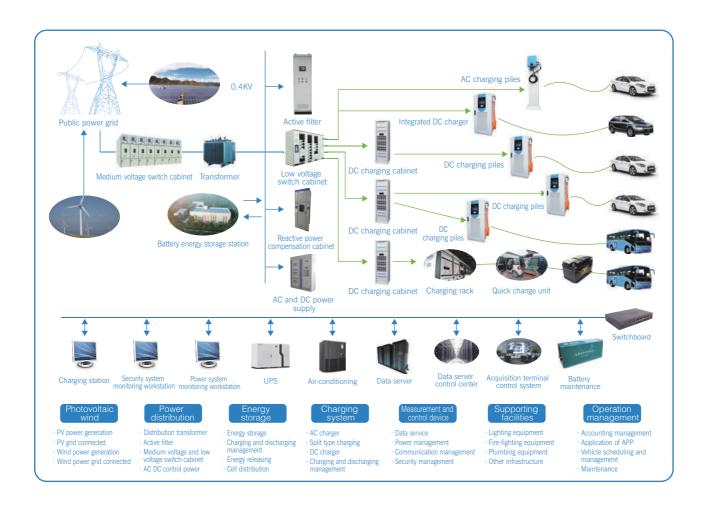
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- ① KSTAR Industrial Park at Guangming Hi-Tech Zone, Shenzhen, China
- ② KSTAR Industrial Park at Zhongkai Hi-Tech Zone, Huizhou, China
- 3 KSTAR Industrial Park at Guanlan Fuyuan industrial Zone, Shenzhen, China

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Integrated solutions

KSTAR as the new energy industry's leading research and development strength and complete industrial chain to provide clients with integrated solutions for charging system, distribution system, energy storage system, measurement and control system, security system and solar products, electric vehicle charging system.



AC charging products

AC charging products provide AC power to EVs, which used the advanced embedded control technology, With a variety of billing methods and intelligent charging management to meet the latest national standards. Over-current protection, short circuit protection, leakage protection, emergency stop and other functions. Friendly interface, easy to use, environmental applicability, stability and reliability.

Wall Mounting AC charger

Main features

Display mode

Friendly visualization, multi-information display, indication message, IC card information, charge-related information

Control mode

Multiple charging modes: automatic charge, according to the charging power, according to the a mount of the charge, according to Time Charge Digital control which can set the charging current, voltage, time and other protection parameters

Accounting management

Power collection system and costing systems to provide accurate consumption data, in accordance with pre-paid deductions and real checkout safely

Automat ic stop, Sound and light alarm

When the matching board charger for cha ging the battery pack, either charging time or charging capacity meets the requirements, the device automatically stops and the lights remind; When the charger overvoltage, over current and the connection failure, the device automatically stops access to protected status, displays the fault content and audible alarms

Power failure memory

All records are not lost after a power failure, repowern can cotinue to charge

High reliability

Industrial design, temperature a daptability, long use time, protection IP54

Product Form	EVA-07-220-B	EVA-42-380-B	
Input Voltage	AC220V±20%	AC380V±20%	
AC frequency range	50/60Hz±10%		
Output voltage	AC220V±20%	AC380V±20%	
Maximum output current	32A	63A	
Insulaton properties	≥10MΩ(Output - Chassis)		
Protection	Input overvoltage, Under voltage, Electric leakage Protection, Output current limiting prot		
Work environment	Altitude≤2000m, Temperature:-20~50°C Humidity:95%		
Reliability	MTBF≥100000Hrs		



Stand Alone AC Charger

Stand alone charger is simple, easy to use and reliable, small space, mainly used for existing garage, parks and the place without large-scale power charger.

Main features

Display mode

Friendly visualization, multi-information display

Automatic stop, Sound and light alarm

When the matching board charger for charging the battery pack, either charging time or charging capacity meets the requirements, the device automatically stops and the lights remind; When the charger overvoltage, over current and the connection failure, the device automatically stops access to protected status, displays the fault content and audible alarms

High reliability

Industrial design, temperature adaptability, long use time; protection IP54



Product Form	EVA-07-220-L	EVA-42-380-L	
Input Voltage	AC220V±20%	AC380V±20%	
AC frequency range	50/60Hz±10%		
Output voltage	AC220V±20%	AC380V±20%	
Maximum output current	32A	63A	
Insulaton properties	≥10MΩ(Output - Chassis)		
Protection	Input overvoltage, Under voltage, Electric leakage protection, Output current limiting protection		
Work environment	Altitude≤2000m, Temperature:-20~50°C Humidity:95%		
Reliability	MTBF≥100000Hrs		

DC charging products

DC charger is mainly for electric vehicle fast charging. Used for the bus stops, expressway, the main road, large scale parking lot and other places. its convenient for fast supplement energy for customer.

Small Volune EV DC Quick Charger (Single Plug)

Product description

Integrated DC charging product is an intelligent fast charger integrated with charging cabinet, charging pile, distribution systems, with a human-compute r interaction, credit card, billing, monitoring, communication and other major functions.

Main features

- · Automatic charging process after credit card
- High degree of protection, many protection functions
- Large output voltage range, suitable for a variety of models
- · Independent decentralized installation, small footprint, no special facilities
- · Harmonics small, green
- · Safe and reliable, unattended



Product Form	EVD-15/30/45/60-500/680/750(Single Plug)		
InpuInput voltage	AC380V±20% 50/60Hz±10%		
Output voltage	DC50~750V		
Current output	0~120A		
Output ripple factor	≤0.1%(Full load)		
Voltage regulation accuracy	≤±0.5%		
Current regulation accuracy	≤±1%		
Efficiency	94%		
Protection	Overcurrent protection, Over-voltage protection, Overheating protection, Output short circuit protection, Reverse connection protection, Leakage protection, Insulation monitoring protection		
Display function	Voltage display, Current display, Battery indicator, Status indication		
Safety protection	Insulation resistance≥10MΩ Pressure :2500Vac		
Cooling	Intelligent cooling		
Communication interface	RS485、RJ45 Or CAN Communication		
Work environment	Altitude≤2000m, Temperature:-20~50°C Humidity:95%		
Reliability	MTBF≥100000Hrs		
Dimension (W×D×H) mm	785×350×1200 (Customized)		

DC charger is mainly for electric vehicle fast charging. Used for the bus stops, expressway, the main road, large scale parking lot and other places. its convenient for fast supplement energy for customer.

Small Volune EV DC Quick Charger (Two Plug)

Product description

Integrated DC charging product is an intelligent fast charger integrated with charging cabinet, charging pile, distribution systems, with a human-compute r interaction, credit card, billing, monitoring, communication and other major functions.

Main features

- · Automatic charging process after credit card
- · High degree of protection, many protection functions
- · Large output voltage range, suitable for a variety of models
- Independent decentralized installation, small footprint, no special facilities
- · Harmonics small, green
- · Safe and reliable, unattended

Product Form	EVD-15/30/45/60-500/680/750(Two Plug)		
InpuInput voltage	AC380V±20%		
Output voltage	DC50~750V		
Current output	0~120A		
Output ripple factor	≤0.1%(Full load)		
Voltage regulation accuracy	≤±0.5%		
Current regulation accuracy	≤±1%		
Efficiency 94%			
Protection	Overcurrent protection, Over-voltage protection, Overheating protection, Output short circuit protection, Reverse connection protection, Leakage protection, Insulation monitoring protection		
Display function	Voltage display, Current display, Battery indicator, Status indication		
Safety protection	fety protection Insulation resistance≥10MΩ Pressure :2500Vac		
Cooling	Intelligent cooling		
Communication interface	RS485、RJ45 Or CAN Communication		
Work environment	ork environment Altitude≤2000m, Temperature:-20~50°C Humidity:95%		
Reliability	bility MTBF≥100000Hrs		
Dimension (W×D×H) mm	895×350×1200 (Customized)		



EV DC Quick Charger (Single Plug)

Product description

Integrated DC charging product is an intelligent fast charger integrated with charging cabinet, charging pile, distribution systems, with a human-compute r interaction, credit card, billing, monitoring, communication and other major functions.

Main features

- · Automatic charging process after credit card
- High degree of protection, many protection functions
- · Large output voltage range, suitable for a variety of models
- Independent decentralized installation, small footprint, no special facilities
- · Harmonics small, green
- · Safe and reliable, unattended



Product Form	EVD-20/30/60/90/120-500/680/750 (Single Plug)		
InpuInput voltage	AC380V±20%		
Output voltage	DC50~750V		
Current output	0~250A		
Output ripple factor	≤0.1%(Full load)		
Voltage regulation accuracy	≤±0.5%		
Current regulation accuracy	≤±1%		
Efficiency	94%		
Protection	Overcurrent protection, Over-voltage protection, Overheating protection, Output short circuit protection, Reverse connection protection, Leakage protection, Insulation monitoring protection		
Display function	Voltage display, Current display, Battery indicator, Status indication		
Safety protection	Insulation resistance≥10MΩ Pressure :2500Vac		
Cooling	Intelligent cooling		
Communication interface	RS485、RJ45 Or CAN Communication		
Vork environment Altitude≤2000m, Temperature:-20~50°C Humidity:95%			
Reliability	bility MTBF≥100000Hrs		
Dimension (W×D×H) mm	785×775×1515 (Customized)		

EV DC Quick Charger

Product description

Integrated DC charging product is an intelligent fast charger integrated with charging cabinet, charging pile, distribution systems, with a human-compute r interaction, credit card, billing, monitoring, communication and other major functions.

Main features

- · Automatic charging process after credit card
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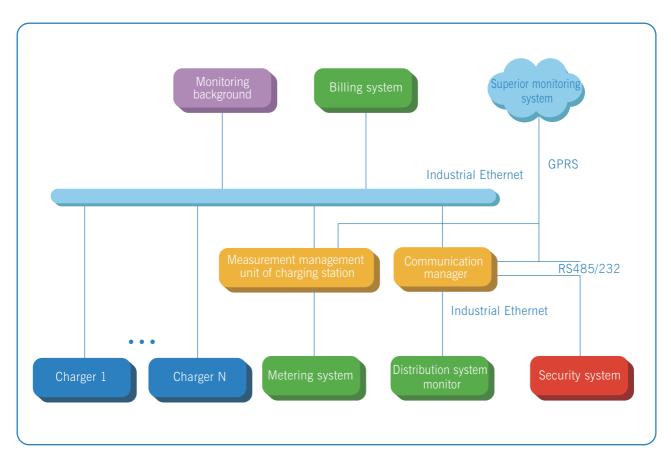
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Dimension (W×D×H) mm	895×775×1515 (Customized)		

Monitoring system products

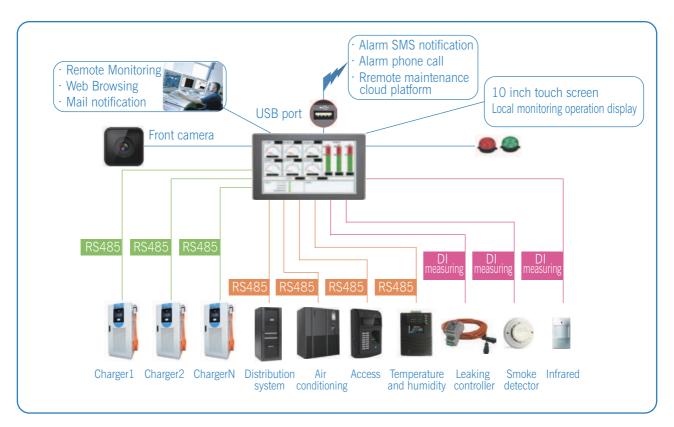
Monitoring system is integrated management platform with charging, power distribution, photovoltaic (pv), energy storage and dynamic environment, measuring, security. With good man-computer interface to realize charging stations automatically operation management. Easy to use.

Monitoring System Overview

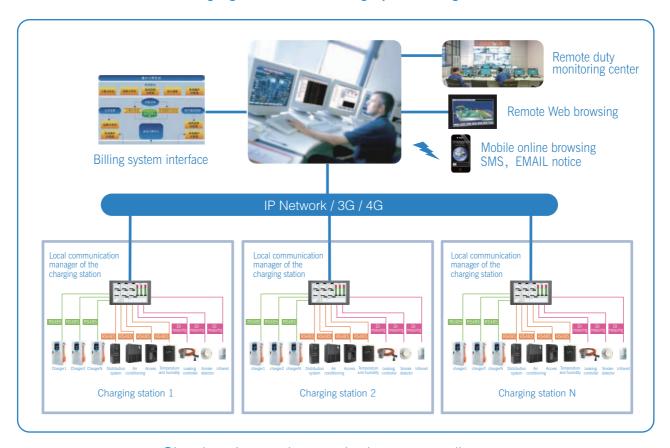
Charging station monitoring system as the core of the charging station automation system, mainly including charging station monitoring, charging machine control system, power distribution system monitoring, measuring the billing system, security system and communication management machine, its structure as shown in the figure below:



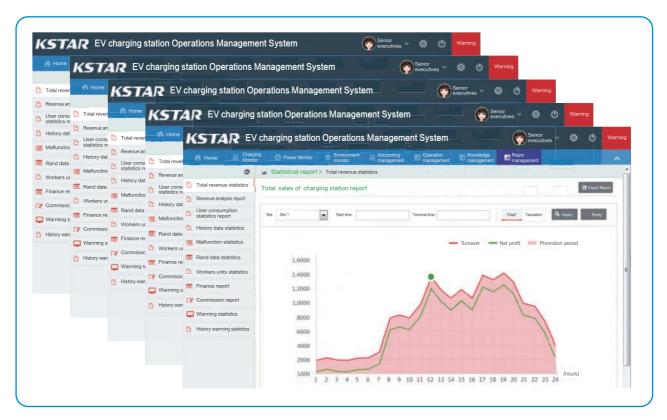
System structure



Charging station monitoring system diagram



City charging station monitoring system diagram



Multiple data analysis methods could control and analyse the operation conditions of the site at anytime

Main features

- 7×24 hours on duty
- Warning function
- The principle of visit anytime and anywhere
- Daily, weekly, monthly, annual
- Remote equipment experts report
- · Accident tracing report
- · Knowledge expert database
- · Lower maintenance costs and higher availability



Immersive monitor the charging station and could find out the alarming area in time.

Authentication Certificate



Business License (Registered Capital: 29,693.468 RMB)



National key High Tech Enterprise Certificate



Military Standard Quality
Management System Certification





OHSAS18001



ISO14001



IECQ QC080000