



E TRADE NEXUS PRIVATE LIMITED.

+92 306 8636002

www.etradenexus.com

Building 19, Sector C, Bahria Town, Lahore



COMKING



CHARGING PILE SERIES PRODUCTS

7-22 KW AC Charger | 20-600KW DC Charger

2025

E TRADE NEXUS PRIVATE LIMITED.
ZHUHAI COMKING ELECTRIC CO., LTD

AC CHARGER PRODUCTS

AC charger are mainly applicable to private villas, residential communities, and public construction projects, as well as new energy vehicle 4S stores, workshop debugging areas, new energy vehicle road rescue, and other occasions where frequent changes in charging station locations or temporary power replenishment are required.

CKEV-AC7 AC CHARGER

PRODUCT OVERVIEW

The 7KW wall mounted/column mounted/vertical single port AC slow charger is mainly suitable for parking lots such as private villas, residential areas, commercial office buildings, urban complexes, or urban public charging stations (private cars, small capacity passenger vehicles, etc.) that can be charged slowly for a long time. In addition, it is also suitable for new energy vehicle 4S stores, workshop debugging areas, new energy vehicle road rescue, and other occasions where frequent changes in charging station locations or temporary power replenishment are required.



PRODUCT FEATURES

Schedule Charging

Leakage detection

Multiple protection

Remote and convenient upgrade

TECHNICAL PARAMETER

Name	7KW AC Charger (single port)
Model	CKEV-AC7
AC input voltage	AC220±20% (Single phase)
AC input frequency	45~55HZ
Output voltage	AC220±20% (Single phase)
Output current	32A (max)
Rated output power	7KW
Display	4.3 inch LCD touch screen
Charging interface	GB/T national standard charging interface
Number of charger	Single port, 5m (can be customization), cable material: TPE
Charging start mode	Local card swiping or code scanning
Card reader	ISO14443 Type A & MIFARE
Communication interface	Supports 4G all network communication and Ethernet
Operating temperature	-20°C~+50°C
Cooling method	Natural cooling
Standby power	≤15W
Safety function	Over-voltage protection, under-voltage protection, overload protection, over-current protection, short circuit protection, grounding protection, over-temperature protection, lightning protection, emergency stop protection
Relative humidity	5%~95%
Altitude	≤2000米
Storage temperature	-30°C~+70°C
Protection level	IP54
Installation	Wall mounted/column mounted
Housing material	Sheet metal spraying shell
Standard	GB/T20234.1-2015, NB/T 33002—2018, NB/T 33008.2-2018

CKEV-AC11/AC22 AC CHARGER

PRODUCT OVERVIEW

Wall mounted/floor mounted single-phase AC slow charger is a high-end intelligent charging product for electric vehicles specifically launched for the European market. Self-service operation, suitable for various parking places requiring AC charging. Users can independently complete charging, payment, and other operations to provide safe, reliable, stable, and efficient charging services for electric vehicles.



PRODUCT FEATURES

- Overall efficiency ≥ 95%, low energy consumption.
- Modular structure, with higher reliability and flexibility; Overall efficiency ≥ 95%, low energy consumption.
- Low operating noise, reducing the impact on the surrounding environment.
- Clear operation interface, supporting multilingual operation; The display screen adopts a readable touch screen display; Support open communication protocol OCPP
- Supports multiple standards, such as CCS, CHADEMO, GB/T, and AC Type 2.
- Support customization to meet the diverse needs of different customers.
- Three product lines, including capacity, configuration, and installation method, can be flexibly selected.

TECHNICAL PARAMETER

Name	11KW Charging Pile (three-phase) [Euro standard]	22KW Charging Pile (three-phase) [Euro standard]
Model	CKEV-AC11	CKEV-AC22
Rated power	11KW	22KW
Charging port and cable	Single port, 5m, can be Customized	Single port, 5m, can be Customized
Display	4.3 inch touch color screen	4.3 inch touch color screen
Input voltage	AC380±20%	AC380±20%
Input frequency	50HZ/60HZ	50HZ/60HZ
Output voltage	AC380±20%	AC380±20%
Output current	16A (max)	32A (max)
Operating temperature	-30°C~+60°C	-30°C~+60°C
Protection level	IP54	IP54
Charging start mode	Plug then work, Swipe Card, APP, EMS	Plug then work, Swipe Card, APP, EMS
Communication method	4G / Ethernet	4G / Ethernet
Background Protocol	OCCP1.6	OCCP1.6
Safety function	Over-voltage protection, under-voltage protection, overload protection, short circuit protection, grounding protection Over temperature protection, low temperature protection, lightning protection, emergency stop protection, and leakage protection	Over-voltage protection, under-voltage protection, overload protection, short circuit protection, grounding protection Over temperature protection, low temperature protection, lightning protection, emergency stop protection, and leakage protection
Installation	Wall mounted/column mounted	Wall mounted/column mounted
Size	300*300*1400mm	500*200*1150mm



DC CHARGER
PRODUCTS

DC charger are mainly used in parking lots such as commercial office buildings and urban complexes, or in urban public charging stations and operation stations.

CKEV-DC20/30/40 DC CHARGER

PRODUCT OVERVIEW

Low voltage 20KW/30KW/40KW portable fast charging DC charging pile is suitable for electric cleaning vehicles, sightseeing vehicles, electric forklifts, electric transport vehicles, electric excavators, electric boats, robots, drones, and other occasions requiring DC fast charging.



PRODUCT FEATURES

Noise reduction design

Less than 45 dB in silent mode

Fast charging, easy to use

Multi mode, five charging modes

TECHNICAL PARAMETER

Name	20KW/30KW/40KW DC Charging Pile
Model	CKEV-DC20/CKEV-DC30/ CKEV-DC40
AC input voltage	AC380±20% (three-phase)
AC input frequency	45~55HZ
Power factor	≥0.99
DC output voltage range	DC200-750V /DC200-1000V
Output current	66A(max)/100A(max)/133A(max)
Rated output power	20KW/30KW/40KW
Display	4.3 inch LCD touch screen
Charging interface	GB/T National Standard Charging Interface
Number of charging	Single port, 5m (can be customization), cable material: TPE
Charging mode	Local card swiping or code scanning
Card reader	ISO14443 Type A & MIFARE
Communication interface	Supports 4G all network communication and Ethernet
Operating temperature	-20℃~+50℃
Cooling method	Intelligent air cooling
Standby power	≤50W
Efficiency	≥94% (over half load)
Safety function	Over-voltage protection, under-voltage protection, overload protection, over-current protection, short circuit protection, grounding protection, over-temperature protection, lightning protection, emergency stop protection
Relative humidity	5%~95%
Altitude	≤2000m
Storage temperature	-30℃~+70℃
Protection level	IP54
Noise	<65dB
Installation	Wall mounted/column mounted
Housing material	Sheet metal spraying shell
Packaging	Wooden box
Weight	70Kg

CKEV-DC60/90 INTEGRATED DC CHARGER (SINGLE PORT)

PRODUCT OVERVIEW

The 60kw/90kw integrated DC charging pile integrates the charging pile, charging interface, human-computer interaction interface, communication, billing, and other parts into a whole. It is suitable for outdoor DC fast charging of electric vehicles, and has the ability to safely and automatically charge the power battery of electric vehicles. The charging pile dynamically adjusts the charging current or voltage parameters based on the data provided by the battery management system (BMS), executes corresponding actions, and completes the intelligent charging process. At the same time, the standby screen displayed on the screen and the display before and after charging can both support the setting and configuration of customized advertising screens. Electric vehicles such as electric cars, electric taxis, and electric buses that meet the DC interface standards provide DC charging services.



PRODUCT FEATURES

Large charging power, wide range of output current and voltage variations, meeting the needs of different passenger cars.

Various communication interfaces can provide complete communication functions and can be remotely controlled.

Safe and reliable, using flame-retardant housing materials to prevent users from easily touching live parts.

Easy to use, plug then charge.

TECHNICAL PARAMETER

Name	60KW/90KW DC Charging Pile
Model	CKEV-DC60/CKEV-DC90
AC input voltage	AC380±20% (three-phase)
AC input frequency	45~55HZ
Power factor	≥0.99
DC output voltage range	DC200-750V /DC200-1000V
Output current	150A(max)/250A(max)
Rated output power	20KW/30KW/40KW
Display	7-inch LCD touch screen
Number of charging	Single port, 5m (can be customization), cable material: TPE
Charging mode	Local card swiping or code scanning start
Card reader	ISO14443 Type A & MIFARE
Communication interface	Supports 4G all network communication and Ethernet
Operating temperature	-20℃~+50℃
Cooling method	Intelligent air cooling
Standby power	≤50W
Efficiency	≥94% (over half load)
Safety function	Over-voltage protection, under-voltage protection, overload protection, over-current protection, short circuit protection, grounding protection, over-temperature protection, lightning protection, emergency stop protection
Relative humidity	5%~95%
Altitude	≤2000m
Storage temperature	-30℃~+70℃
Protection level	IP54
Noise	<65dB
Housing material	Sheet metal spraying shell
Packaging	Wooden box

CKEV-DC120 INTEGRATED DC CHARGER (DUAL PORT)

PRODUCT OVERVIEW

The 120KW DC charger dual port is suitable for large vehicles with a power of 90-180 degrees Celsius (mainly referring to mud trucks, buses, and logistics vehicles). When working with a single port, the output can be up to 120 kw, and when working with two ports, each 60 kw, with a conversion efficiency of 96% or more.



PRODUCT FEATURES

Wisdom and friendliness

Multiple protection, high safety level

Forward-looking design, ultra wide voltage

TECHNICAL PARAMETER

Name	120KW Integrated Dc Charger
Model	CKEV-DC120
AC input voltage	AC380±20% (three-phase)
AC input frequency	45~55HZ
Power factor	≥0.99
DC output voltage range	DC200-750V /DC200-1000V
Output current	250A(max)
Rated output power	120KW
Power distribution	Support dynamic distribution of dual port power
Display	7-inch LCD touch screen
Number of charging	Double port, 5m (can be customization), cable material: TPE
Charging mode	Local card swiping or code scanning
Card reader	ISO14443 Type A & MIFARE
Communication interface	Supports 4G all network communication and Ethernet
Operating temperature	-20℃~+50℃
Cooling method	Intelligent air cooling
Standby power	≤50W
Efficiency	≥94% (over half load)
Safety function	Over-voltage protection, under-voltage protection, overload protection, over-current protection, short circuit protection, grounding protection, over-temperature protection, lightning protection, emergency stop protection
Relative humidity	5%~95%
Altitude	≤2000m
Storage temperature	-30℃~+70℃
Protection level	IP54
Noise	<65dB
Housing material	Sheet metal spraying shell
Packaging	Wooden box
Weight	270Kg

CKEV-DC160 DC CHARGER

PRODUCT OVERVIEW

The 160KW vertical DC charger supports dual port simultaneous charging or dual port round charging, with a higher utilization rate. Suitable for urban dedicated charging stations (buses, mud trucks, sanitation vehicles, logistics vehicles, taxis, official vehicles, etc.), urban public charging stations (private cars, commuters, buses), intercity highway charging stations, etc.



PRODUCT FEATURES

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Wisdom and friendliness

—
Multiple protection

—
Low operational losses

—
Intelligent diagnosis

—
Intelligent interaction

TECHNICAL PARAMETER

Name	160KW Charger (dual Port)
Model	CKEV-DC160
AC input voltage	AC400±20% (three-phase)
AC input frequency	45~55HZ
Power factor	≥0.99
Output voltage	DC200-750V /DC200-1000V
Single port output current	200A(max)
Rated output power	160KW
Efficiency	≥94% (over half load)
Display	7-inch LCD touch screen
Charging interface	CCS2 adopts the European standard IEC62196
Number of charging	Double port, 5m (can be customization), cable material: TPU
Power distribution	Support dynamic distribution of dual gun power
Charging start mode	RFID card or OCPP
Card reader	ISO14443 Type A & MIFARE
Communication interface	Supports 4G all network communication, Ethernet, and OCPP1.6J protocol
Operating temperature	-20℃~+50℃
Cooling method	Intelligent air cooling
Standby power	≤100W
Relative humidity	Over-voltage protection, under-voltage protection, overload protection, over-current protection, short circuit protection, grounding protection, over-temperature protection, lightning protection, emergency stop protection
Relative humidity	5%~95%
Altitude	≤2000m
Storage temperature	-30℃~+70℃
Protection level	IP54, IK10
Noise	<65dB
Installation	Cabinet type
Housing material	Sheet metal spraying shell
Weight	290Kg
Compliance and Security	CE, EN61851, EN62196, DIN70121, ISO15118

CKEV-DC240 INTEGRATED DC CHARGER (FOUR PORT)

PRODUCT OVERVIEW

The 1000V output DC voltage meets the current 400~500V voltage requirements of electric vehicles, as well as the future 800V voltage platform; 240kW high power, which not only meets the charging requirements of passenger vehicles, but also can be used to charge buses, buses, sanitation vehicles, electric heavy trucks, and special engineering vehicles. With the "dual ports charging together" function, it improves the charging efficiency of the large capacity battery car type.



PRODUCT FEATURES

Modular design: Module hot swapping technology makes maintenance more convenient.

Security upgrade protection: Adopting a high-performance high-power power module platform.

Multiple billing methods: mobile app payment, card payment, WeChat/Alipay payment, etc.

Multiple operation modes: automatic full charge, charge according to battery level, charge according to maximum capacity, and charge according to time.

Chassis safety protection: With a 360 degree anti-collision design, it can automatically cut off power when the equipment is hit or tilted by 15 degrees. The charging station is designed with anti backflow software and hardware protection, which provides system protection when the battery is reversed.

Easy to operate: The interface of the charging station is simple and easy to understand, and the operation is convenient. Users can easily complete the charging operation.

Multiple protections: Ultra thick rice straw shell, anti heat and anti freezing, anti heat and anti dust, suitable for various harsh weather conditions.

Cost saving: saves venue fees, improves efficiency, allows four guns to be charged simultaneously, and power can be freely adjusted.

Efficiency improvement: A new high-efficiency three-phase PFC circuit topology is adopted, with a power factor of no more than 0.99 and a low harmonic distortion rate of $\leq 5\%$. Module sleep technology and rotation technology are used to ensure the efficient operation of the system.

TECHNICAL PARAMETER

Name	240KW Integrated Dc Charger
Model	CKEV-DC240
AC input voltage	AC380 \pm 20% (three-phase)
AC input frequency	45~55HZ
Power factor	\geq 0.99
DC output voltage range	DC200-750V /DC200-1000V
Output current	250A(max)
Rated output power	240KW
Power distribution	Support dynamic power distribution of four ports
Display	7-inch LCD touch screen
Number of charging	Four ports, 5 meters (can be customization), cable material: TPE
Charging mode	Local card swiping or code scanning
Card reader	ISO14443 Type A & MIFARE
Communication interface	Supports 4G all network communication and Ethernet
Operating temperature	-20 $^{\circ}$ C~+50 $^{\circ}$ C
Cooling method	Intelligent air cooling
Standby power	\leq 200W
Efficiency	\geq 94% (over half load)
Safety function	Over-voltage protection, under-voltage protection, overload protection, over-current protection, short circuit protection, grounding protection, over-temperature protection, lightning protection, emergency stop protection
Relative humidity	5%~95%
Altitude	\leq 2000m
Storage temperature	-30 $^{\circ}$ C~+70 $^{\circ}$ C
Protection level	IP54
Noise	<65dB
Housing material	Sheet metal spraying shell
Packaging	Wooden box
Weight	470Kg

CKEV-DD360 SPLIT TYPE DC CHARGING STACK

PRODUCT OVERVIEW

The 360KW split type wind turbine four terminal wind turbine DC pile series consists of one main power cabinet and four charging terminals. The charging terminals can be two types: wind turbine dual guns and wind turbine single guns; The product adopts a modular design concept and utilizes flexible charging technology to achieve power sharing and on-demand distribution, meeting the charging needs of different types and power electric vehicles. A multiple thermal management system ensures smooth operation of the charging station, faster and safer charging speed. Super compatible, compatible with various types of charging devices such as buses, passengers, and logistics vehicles, with excellent compatibility.



PRODUCT FEATURES

Flexible charging:Dynamically allocate charging power according to the charging requirements issued by the charging vehicle BMS, thereby improving the utilization rate of charging equipment.

Smooth expansion:As the battery charging rate increases and the charging power demand increases, corresponding charging modules can be expanded to meet the charging requirements.

Power sharing: In the future, it can meet the demand for high-power and rapid charging of electric vehicles, avoiding repeated investment caused by equipment upgrading and reconstruction or the reconstruction of charging stations.

Highly integrated:A highly integrated system that integrates power conversion, dynamic power distribution, station level monitoring, orderly charging management, new energy generation and energy storage system access, cooling control, and integrated wiring.

Energy saving and efficiency: Using efficient modules, the efficiency reaches over 95%.

Rapid deployment:The charging stack has the characteristics of centralized and pre installed, which can greatly save on-site installation and commissioning time and shorten the construction period.

TECHNICAL PARAMETER

Name	360KW Split DC Charging Stack
Model	CKEV-DD360
AC input voltage	AC380±20%（three-phase）
AC input frequency	45~55HZ
Power factor	≥0.99
DC output voltage range	DC200-750V /DC200-1000V
Output current	250A(max)
Rated output power	360KW
Charging terminal	4 pcs (each charging terminal is equipped with two charging ports, and the charging port cable material is TPE)
Maximum output power of single port	180KW
Display	7-inch LCD touch screen
Charging interface	GB/T national standard charging interface
Charging mode	Local card swiping or code scanning
Card reader	ISO14443 Type A & MIFARE
Communication interface	Supports 4G all network communication and Ethernet
Operating temperature	-20℃~+50℃
Cooling method	Intelligent air cooling
Standby power	≤200W
Efficiency	≥94% (over half load)
Safety function	Over-voltage protection, under-voltage protection, overload protection, over-current protection, short circuit protection, grounding protection, over-temperature protection, lightning protection, emergency stop protection
Relative humidity	5%~95%
Altitude	≤2000m
Storage temperature	-30℃~+70℃
Protection level	IP54
Noise	<65dB
Installation	Wall mounted/column mounted
Housing material	Sheet metal spraying shell
Packaging	Wooden box
Standard	GBT18487.1-2015, NB/T33001-2018, GBT27930-2015

CKEV-DD480/600 MATRIX FLEXIBLE SUPERCHARGED REACTOR

PRODUCT OVERVIEW

The CKEV-DD480/600 matrix flexible supercharged reactor provides direct current energy for electric vehicles, providing a friendly user interface and corresponding control, billing, deduction, communication, and protection functions. This system integrates charging detection, charging control, management, querying, display, and communication, achieving intelligent control of the entire charging process. The architecture of the module cabinet and charging terminal for the supercharged reactor includes 360-480kW. Each module cabinet can carry multiple fast charging terminals and one super charging terminal.



PRODUCT FEATURES

Shorten charging time: it can be fully charged in 10 minutes, reducing charging costs, shortening logistics delivery time, and reducing energy consumption.

Multiple protection: equipped with overload, overvoltage, undervoltage, short circuit and other protection functions.

Intelligent control: The system integrates charging detection, charging control, management, inquiry, display, and communication.

Easy to maintain: Damaged modules can be quickly replaced, reducing maintenance costs and time.

TECHNICAL PARAMETER

Name	Matrix Flexible Supercharged Reactor
Model	CKEV-DD480/600
Input	
Input Voltage (V) AC	380±15%
Operating Frequency(Hz)	50~60
Output	
Output voltage range (V) DC	200-1000
Maximum output current of a single gun (A)	Supercharged terminal 600 / fast charging terminal 250
Rated output power (kW)	480/360
Number of charging interfaces	N+1 (360 N:1~5 fast chargers, 480 N: 1~7 fast chargers; 1:1 superchargers)
Voltage stabilization accuracy	≤±0.5%
Current stabilization accuracy	≤±1%
Output interface	New national standard 9-core interface
Insulation resistance	1000VDC,≥100MΩ
Dielectric Strength	DC3360V (input/output to ground)
Power factor	≥0.98
Protection	
Device protection	Output short circuit protection, output overvoltage protection, input overvoltage protection, input undervoltage protection, and over temperature protection
Environmental parameters	
Operation temperature	-20℃~+50℃
Storage temperature	-30℃~+70℃
Relative humidity	≤90%, No condensation
Atmospheric pressure(kPa)	70~106 altitude ≤2000m
Communication interface	
Monitoring center communication	Distributed communication and centralized communication
Communication interface	Ethernet, 4G
Charging method	Scan,APP

CASE AND APPLICATION

• Shenyang Qinghe Peninsula Hot Spring Resort Project



COMKING

• Dongguan Driving School Project

