



CHARGING PRODUCT

Charging-Reconnecting the World
(IEC Standard)



CE 80 / 120 / 160kW Integrated DC Charger



Application Scenario

Public service charging, public transport charging, fleet charging, etc.

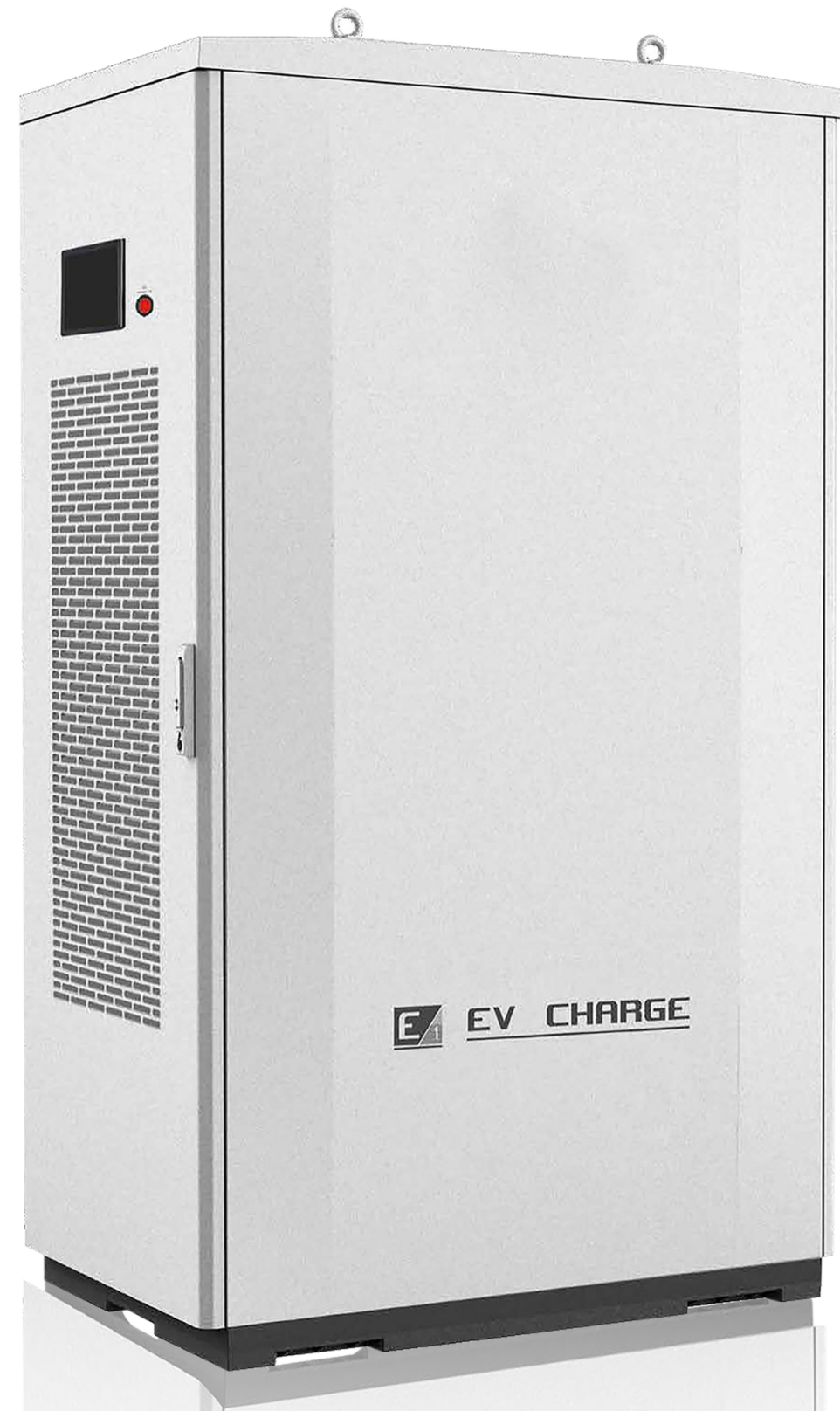
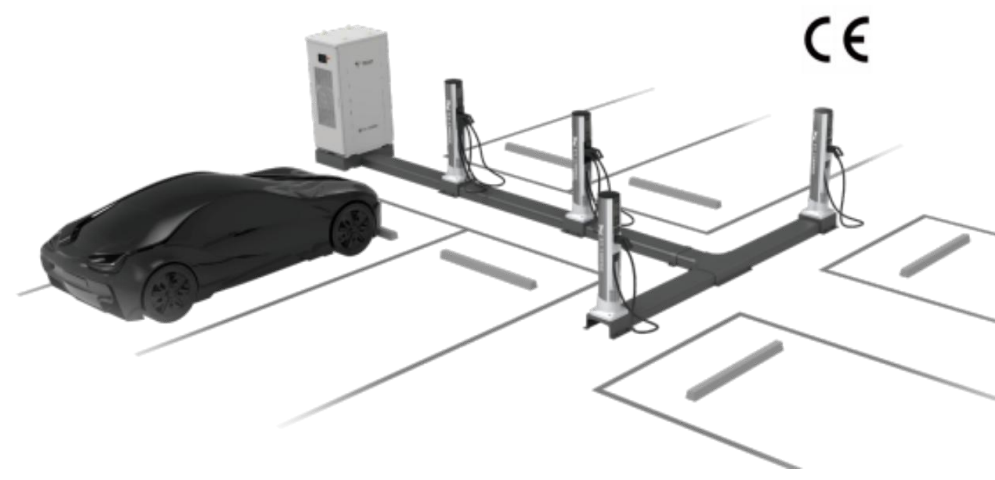
Highlight

- **High compatibility**
- System efficiency is higher than 95%, high power density, saving system operation cost. High power factor, low harmonic distortion, no pollution.
- **Secure and Safety**
- With short circuit, over current, over voltage, over charge, anti-reverse connection and other protection functions.
- DC charger and charging module both certified with CE mark.
- **Tolerance**
- Excellent cold resistance, high temperature resistance, salt spray resistance, moisture resistance and other functions.
- **Intelligent Control**
- Charging status light indicator function, can monitor the machine running status in realtime.
- Remote fault diagnosis and remote restart. Comply with OCPP 1.6J, Intelligent control by software.

Model	TEC-DC1.0/80-CCANN	TEC-DC1.0/120-CCANN	TEC-DC1.0/160-CCANN
Powersupply	3P+N+PE		
Ratedvoltage	400Vac ± 10%		
Frequency	50/60Hz		
Powersystem	TN-S		
Outputvoltage	50-1000V DC(300~1000V Constant power)		
Rated power	80kW	120kW	160kW
Max current	200A		
Chargeconnector	CCS2*2		
Cable length	5m(including insidepart)		
Display screen	8inchLCDtouchscreen		
Language	English/Chinese		
LEDindicator	Green/Blue/Red		
Start mode	Local start: Plug & charge/Password/RFID		
	Network start: APP/POS/RFID		
Optional Configuration	POS/Cable Management		
RFIDreader	Mifare ISO/IEC 14443 A		
Emergency stop	Yes		
Network interface	4G/Ethernet		
O C P P	OCPP 1.6J		
Protection level	IP54/IK10(not including the screen)		
R C D	Type A		
Certification	C E		
Electrical protection	Input overload protection, input leakage protection, input/output short-circuit protection, output overvoltage protection, system overtemperature protection, etc.		
THDi	≤ 5%		
Power factor	≥ 0.99		
Efficiency	≥ 95% (Peak)		
Work humidity	5% ~ 95%		
Work altitude	≤ 2000m		
Work temperature	-30~55 °C (-30~50 °C Full load)		
Installation	Floor-mounting		
Product dimension	W 850 * D 700 * H 1860 mm		
Net weight	540kg (including charging modules)		
External package	Wooden case		
Package dimension	W 1240 mm * D 970 mm * H 2110 mm		

CE Group Charging System

CE 240kW Split-type DC Charger



Product Description

As the core of the group charging system, the 240kW split-type DC charger integrates charging modules, charging control, and communication functions to provide users with safe, reliable, and efficient charging services. The ultra-wide output voltage range satisfies the charging needs of special vehicles and vehicles applied to universal voltage platforms. With the support of TELD charging management platform or OCPP charging platform, large-scale charging operation and management will be achieved.

Application Scenario

- Public service charging station
- Public transport charging station
- Workplace charging station
- Industrial/logistics fleet charging station
- Dedicated Charging (E-bus)

Features

- Intelligent design**
 - Intelligent power distribution to improve power utilization;
 - Intelligent terminal identification, compatible with CCS terminal and GBT terminal.
- Easy maintenance and installation**
 - Pluggable modular design;
 - Support remote upgrade;
 - Rapid deployment and efficient installation.
- Easy expansion**
 - The power distribution unit can be connected in parallel with the cabinet and across cabinets, which is convenient to increase capacity and compatible with overcharge terminals.
- Efficient and reliable**
 - Ultra-wide voltage output, covering all vehicles;
 - High output efficiency, lower operating costs;
 - Innovative zoning filtration, better weather resistance;
 - High strength composite shell for longer service life.
- Energy conservation and low noise**
 - Sleeping module excised, ultra-low standby power consumption;
 - Intelligent noise reduction technology, super quiet and safer

Model	TZKX-DC1000/240-KEX
Power Supply	3P+N+PE
Input Voltage	400Vac ± 10%
Output Voltage	200Vdc~1000Vdc
Frequency	45Hz~65Hz
Peak Efficiency	≥ 95%
Power Factor	>0.99
THDi	≤ 3%
Output Channels	6*400A
Display	8" LCD screen
Emergency Stop	Yes
Language	English (Other languages need to be customized)
Communications	Standard: 4G Ethernet LAN Optional: Wi-Fi
Platform Protocol	OCPP 1.6J
Operating Humidity	5% RH ~ 95% RH
Operating Altitude	≤ 2000m
Operating Temperature	-30°C ~ 50°C
IP Rating	IP54
IK Rating	IK10 (Screen IK08)
Cooling	Air cooling
Product Dimension	W*D*H: 1040mm*720mm*1835mm
Package Dimension	W*D*H: 1206mm*898mm*2021mm
Net Weight	225kg
Gross Weight	333kg
Standards	IEC61851-1-2017 IEC61851-23-2014 IEC61851-24-2014 EN61851-1-2019 EN61851-23-2014 EN61851-24-2014
Certification	CE, CB, TUV Mark, RoHS



CE Group Charging System

CE 480kW Split-type DC Charger



Product Description

As the core of the group charging system, the 480kW split-type DC charger integrates charging modules, charging control, and communication functions to provide users with safe, reliable, and efficient charging services. The ultra-wide output voltage range satisfies the charging needs of special vehicles and vehicles applied to universal voltage platforms. With the support of TELD charging management platform or OCPP charging platform, large-scale charging operation and management will be achieved.

Application Scenario

- Public service charging station
- Public transport charging station
- Workplace charging station
- Industrial/logistics fleet charging station
- Dedicated Charging (E-bus).

Features

- Power distribution**
 Full matrix topology, intelligent scheduling
 High power utilization rate.
- High protection**
 Fully silicone-filling process,
 anti-corrosion Highly adaptable to different environments
- Easy operation and maintenance**
 Plug-in modular design
 Support remote upgrade.
- Strong compatibility**
 Ultra-wide output voltage range of 200V~1000V, suitable for a wide range of vehicle models
 Compatible with CCS terminals and GBT terminals.
- Easy to install**
 Rapid deployment and fast installation.
- Easy to expand**
 Power distribution units can be connected in parallel within the same cabinet or across cabinets to quickly increase capacity and are compatible with supercharging terminals.



Type	TZKX-DC1000/480-KEX
Power Supply	3P+N+PE
Input Voltage	400Vac ± 10%
Output Voltage	200Vdc~1000Vdc
Frequency	45Hz~65Hz
Peak Efficiency	≥ 95%
Power Factor	>0.99
THDi	≤ 3%
Output Channels	12*400A
Display	8" LCD screen
Emergency Stop	Yes
Language	English (Other languages need to be customized)
Communications	Standard: 4G Ethernet LAN Optional: Wi-Fi
Platform Protocol	OCPP 1.6J
Operating Humidity	5% RH ~ 95% RH
Operating Altitude	≤ 2000m
Operating Temperature	-30°C ~ 50°C
IP Rating	IP54
IK Rating	IK10 (Screen IK08)
Cooling	Air cooling
Product Dimension	W*D*H: 1440mm*1040mm*1835mm
Package Dimension	W*D*H: 1618mm*1206mm*2021mm
Net Weight	450kg
Gross Weight	609kg
Standards	IEC61851-1-2017 IEC61851-23-2014 IEC61851-24-2014 EN61851-1-2019 EN61851-23-2014 EN61851-24-2014
Certification	CE CB TUV Mark RoHS



CE Group Charging System

CE Floor-mounted DC Charging Terminal



Product Description

CE floor-mounted DC charging terminal is an important part of the group charging system and provides a DC charging interface for electric vehicles with a maximum of 200kW charging power. Friendly human-machine interaction design brings users a safe and convenient experience of fast charging.

Application Scenario

Combined with the split type DC charging box, providing DC charging interface for electric vehicles.

Features

·Outstanding design

Exquisite appearance, small size, light weight
Compatible with single and dual charging connectors.

·High protection

Ultra-wide output voltage range of 200V-1000V, suitable for a wide range of vehicle models
Compatible with CCS terminals and GBT terminals.

·Easy installatio

Modular design, support rapid deployment and fast installation.


·Different starting methods

Support multiple startup methods such as APP, card swiping, POS and buttons Support OCPP1.6J.


Model	TZD-1000/200CNC P7	TZD-1000/200CCCP7
Output Voltage	200Vdc~1000Vdc	
Output Power	0kW~200kW	
Frequency	45Hz~65Hz	
Maximum Current	200A	
Cable Length	5m (Other lengths need to be customized)	
Cable Connector	CCS2*1	CCS2*2
Display	7" LCD Screen	
LED Indicator	Green/Blue/Red	
RFID	Yes (ISO/IEC 14443)	
POS	Optional	
Emergency Stop	Yes	
Language	English (Other languages need to be customized)	
Starting mode	APP RFID Screen POS	
Protection	Output short circuit protection Output overvoltage protection Output overcurrent protection Output overtemperature Insulation fault protection Immersion detection Emergency stop	
Operating Humidity	5% RH ~ 95% RH	
Operating Altitude	≤ 2000m	
Operating Temperature	-30℃ ~ 50℃	
IP Rating	IP54	
IK Rating	IK10 (Screen IK08)	
Cooling	Natural cooling	
Product Dimension	W*D*H: 363mm*363mm*1518mm	W*D*H: 363mm*363mm*1518mm
Package Dimension	W*D*H: 504mm*594mm*1609mm (1PC)	W*D*H: 504mm*594mm*1609mm (1PC)
Net Weight	41kg	56kg
Gross Weight	72kg (1PC)	87kg (1PC)
Standards	IEC61851-1-2017 IEC61851-23-2014 IEC61851-24-2014 EN61851-1-2019 EN61851-23-2014 EN61851-24-2014	
Certification	CE CB TUV Mark RoHS	



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