EVNEXUS™
GREEN MOBILITY

Charging Station Battery Swapping

DC EV Charging Station

EVNEXUS EV DC Chargers are designed for flexible, high-power charging with a centralized main unit and multiple terminals to create a setup that allows customized configurations based on site requirements while optimizing space usage. Intelligent power distribution ensures each vehicle gets exactly the required charge, improving efficiency and speed. With a reliable multi-module system and minimal noise operation, these chargers are ideal for urban spaces, offices, and communities seeking powerful yet seamless EV charging solutions.

Powerful Performance

- 2-8 Charging Guns
- Each Gun Output: 240-480 kW
- Output Voltage: 250VDC-750VDC/200VDC-1000VDC

Easy Operations

- Low Cabinet Space Requirements (450x200x1450mm)
- Supports Multi-Vehicle Charging

Advanced Technology

- Module Failure doesn't affect Charging Speeds
- No Noise Operation
- Deploys power as per vehicle's requirement for no power wastage

Protection & Safety

- IP54 Rating
- Over/Under Voltage Protection
- Over Current Protection
- Short Circuit Protection
- Overcharge Protection
- Leakage Protection
- Emergency Button

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Split DC EV Charging Station

Main charging unit

Specifications	Product number	ST-EVDC360/480KW DC Charging Cabinet
Input Parameters	Input Voltage	415VAC ± 15%
	Voltage Frequency	50Hz ± 5Hz
	Harmonic Content	<5%
	Power Factor	>0.90 (more than half load)
	Overall Efficiency	>95% (more than hald load)
Output Parameters	Power Level	240kW-480kW
	The Output Voltage	200VDC-750VDC/200VDC-1000VDC
	Output Current	250A (single muzzle)
	Number of Ports	2-8gun
Basic Attributes	Shell Material	Aluminium zinc plate
	Product Size	1200*850*2000mm(W*D*H)
	Communication Interface	CAN,RS485
	Power Distribution	Full dynamic flexible distribution
	Protection Function	Input over/under voltage protection, output over voltage protection, output over current protection, insulation detection protection, battery reverse connection protection, Short circuit protection, charging pile over temperature protection, charging gun over temperature protection, access control protection, emergency stop protection, leakage protection, overcharge protection.
	Lightning Protection Level	C level
Environmental Parameters	Noise Level	<65dB
	Degree of Protection	IP54
	Operating Temperature	-20°C ~ 50°C
	Altitude	<2000 meter
	Relative Humidity	≤95%, Non-condensing

Gun Terminal

Specifications	Product number	ST-EVDC360/480KW Charging Terminal
Input Parameters	Number of Output Ports	1/2
	The Output Voltage	200VDC-750VDC/200VDC-1000VDC
	Output Current	250A(MAX)
Basic Parameters	Charging Mode	Automatic full/fixed power/fixed amount/fixed time
	Charging Method	Swipe card/scan code/NIN
	Human-Computer Interaction	7 inch touch color LCD screen
	Auxilary Power	DC12V and DC24V
	Gun Line Length	5m
	Communication Interface	Ethernet/4G
	Reserved Port	CAN RS485
Structural Parameters	Shell Material	Aluminium zinc plate
	Installation Method	integrated floor type
	Mechanical Strength	20J
	Product Size	450*200*1450mm(W*D*H)
	Degree of Protection	IP55
Environmental Parameters	Operating Temeperature	-20°C -50°C
	Altitude	<2000m
	Relative Humidity	<95°C, non-condensing

*Due to continuous improvement technical specifications & product image can change without prior notice.

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