

Split-type Modular Charging Station

480KW-960KW



Safe and reliable

Isolation air duct adhesive module with extremely low failure rate G4 filter configuration, good protection effect, and simple maintenance. Selecting high-quality components for a long lifespan. Split design with low terminal noise

Satellite design

Satellite design, flexible power distribution between terminals. The power cabinet has a small footprint and can be flexibly deployed. The charging terminal is installed near the parking space, with low noise

Super fast charging

Multi gun design , single gun can output maximum power, The maximum output of a conventional charging gun is 250A,The maximum output of the liquid cooled charging gun is 500A

Powerful features

Support remote control, diagnosis, and OTA upgrades Supports multiple charging methods such as mobile phone scanning, card swiping, and VIN code charging. Charging voltage of 150V-1000V, supporting all electric vehicle charging



Swing Arm CMS Optional

SPECIFICATION

Model	ZECO-4800-D15	ZECO-6000-D16	ZECO-7200-D17	ZECO-9600-D18
Technical parameters of power cabinet				
Max Power	Up to 480KW	Up to 600KW	Up to 720KW	Up to 960KW
Input Voltage	400VAC±10%-50/60Hz-3phase(CCS2 and GB/T) 480VAC±10%-50/60Hz-3phase(CCS1+NACS)			
Maximum input current	2*384A(400VAC)	2*480A(400VAC)	2*576A(400VAC)	2*729A(400VAC)
Power factor	≥0.99			
Efficiency	>95%			
Measuring accuracy	Level 0.5			
Output voltage range	CCS: 150~1000VDC			
Output current range	480A@1000V	600A@1000V	720A@1000V	960A@1000V
Output modes	Up to 6 outputs and used as input for charging terminals	Up to 8 outputs and used as input for charging terminals	Up to 10 outputs and used as input for charging terminals	Up to 12 outputs and used as input for charging terminals
Charging terminals	The charging terminal supports conventional single and double gun terminals, and liquid cooled charging terminals (optional)			
Human-computer interaction	7-inch color touch LCD screen, LED display light, emergency stop switch			
Size and weight	1000*2000*800mm /450kg (excluding modules)			
Protection level	IP54			
Technical parameters of charging terminals				
DC Output voltage	150V-1000VDC			
Number of gun	2PCS / 1PCS			
Maximum output power	Regular:250kW@300~1000V Liquid cooling: 480kW @300~1000V(optional)	Regular: 250kW@300~1000V Liquid cooling: 600kW @300~1000V(optional)	Regular: 250kW@300~1000V Liquid cooling: 600kW @300~ 1000V(optional)	Regular: 250kW@300~1000V Liquid cooling: 600kW @300~ 1000V(optional)
Maximum output current	Conventional: 250A Liquid cooling:600A(optional)	Conventional: 250A Liquid cooling:600A(optional)	Conventional: 250A Liquid cooling: 600A(optional)	Conventional: 250A Liquid cooling: 600A(optional)
Power distribution	average 80kW single gun output, 80kW/160kW/240kW intelligent distribution			
Charging mode	automatically switches based on power, round charging, gun insertion, and timed switching.			
Communication	ISO15118 / DIN70121(between charger & vehicle) Ethernet/4G/OCPP 1.6J(TLS1.2)			
User interface	LCD 7 inch Touch Screen /RFID card and APP			
Versatility	EN/IEC 61851-1: 2019, EN/IEC 61851-23: 2014, UL 2202, UL2594			
Security design	Over/under voltage protection, overload protection, current leakage protection, grounding protection, lightening surge protection			
DC Plugs	Cable 5M			
Energy Meter	CE certified			
Size and weight	Conventional charging terminal: 500 * 1750 * 260mm 155 kg/pile Liquid cooling charging terminal: 500 * 1750 * 350mm 190 kg/pile			
IP Level	IP54			
other				
Warranty	2 years			
Cooling	Air cooled / Liquid cooling			
Sound noise	<70DB in all directions			
Operating temp.	-30℃ to +55℃			
Humidity	Max.95%(non-regulating)			
Working altitude	≤2000m, derated output above 2000m			