EAST® EVcharging

240-480kW integrated DC charger

application scenarios :
● Urban bus terminals   ● Logistics park charging   ● Port logistics
● Factory and mining area heavy truck charging stations

Safe and Reliable

- Multi-layer protection with autonomous detection throughout charging to ensure human-machine safety
- Adapt to harsh environments such as high salt fog, high altitude, high dust, high temperature, and low temperature

Supercharge adapter

- Single gun: 300A, dual guns: 600A, fast charging
- Ultra-wide voltage range of 200~1000V, compatible with all types of electric vehicles
- Flexible power options: 240kW, 320kW, 360kW, 400kW, and 480kW

Highly compatible

- Compatible with 12/24V vehicle battery management systems (BMS), it enables rapid switching between single-cell and dual-cell charging modes.
- Adapt flexibly to diverse user and operational scenarios

Smart Operations

- With online diagnostics and OTA remote upgrades, the AI-powered model delivers accurate predictions, achieving peak efficiency of over 96.4% to enhance operators revenue.
- Real-time monitoring of all charging station operational statuses

	Product models	EVDC-240kW 10YHW-2X	EVDC-320kW 10YHW-2X	EVDC-360kW, 10YHW-2X	EVDC-400kW 10YHW-2X	EVDC-480kW 10YHW-2X
Input feature	input voltage (V)	380±15%				
	Input frequency (Hz)	50/60				
	power factor	≥0.99				
	Enter the total harmonic distortion (THDi)	≤5% (load ≥50%)				
output feature	Rated output power (kW)	240	320	360	400	480
	Output voltage range (V)	200~1000				
	Constant power voltage range (V)	300-1000			350-1000	300-1000
	Maximum output current of a single gun (A)	250			300	
	peak efficiency	≥96.6%			≥96.4%	≥96.6%
	regulation accuracy	≤±0.5%				
	steady flow accuracy	≤±1%				
	noise (dB)	≤65				
Charging configuration	Number of charging guns	2				
	Charging cable (m)	7.5/Custom				
	Start charging mode	Scan to charge, password to charge, swipe to charge, VIN to charge				
	power distribution method	Smart Allocation				
	human computer interface	7-inch HD touchscreen				
	BMS auxiliary power supply (V)	Switch between screens at 12:24				
	communication mode	4G, RJ45 Ethernet port				
environment pointer	working temperature (℃)	-30 to +65 (50 to 65 with reduced usage)				
	storage temperature (℃)	-40~+70				
	relative humidity	5%~95% (no condensation)				
	above sea level (m)	≤4000 (decrease by more than 2000)				
external structure	Dimensions (W×D×H, mm)	600×800×1800				
	cooling-down method	intelligent air cooling				
	protection rating	IP55				