

All-in-one Smart DC Fast Charger

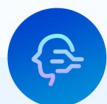
Introduction

The DC fast charger is designed for commercial vehicle charging. It can operate in harsh environments such as mountainous areas, coastal regions, and rivers.

Applications Electric heavy trucks/ buses/ public transport

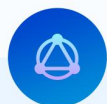


Features



Intelligence

Dual-gun simultaneous charging, highly efficient and smart technology.



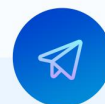
Reliable

Advanced wind-cooling technology, suitable for 5000m above sea level applications.



Safety

- Dynamic password management
- Real-time status monitoring



Easy to Use

- Multiple start-up methods
- Remote software upgrade

Parameters

Model	FH-ED-240kW
Rated Power	240kW
Input Parameter	
Input Voltage	AC380V
IVR	AC323V ~ AC437V
Input Current	≤ 456A
Power Factor	≥ 0.99 (rated load)
Frequency	50Hz / 60Hz
THDi	≤ 3% (rated conditions, full load)
Output Parameter	
Output Voltage	DC50V-DC1000V
Max Iout (A)	456A
I _{max} (A) per Gun	392A
V-Reg Accuracy	≤ ±0.5%
I-Reg Accuracy	≤ ±1%
Load Sharing Imbalance	≤ ±5%
Peak Efficiency	≥ 95%

Basic Characteristics	
BMS Aux Power	Standard 12V (24V customizable)
Startup Mode	APP, RFID, local start, VIN start
Display	7-inch touch screen
Communication	Ethernet/4G full Netcom
Charging Port	CCS1, CCS2, GB/T, CHAdeMO
Cable Length	5m (customizable)
Noise (dB)	≤ 65dB
IP Level	IP54
Operating Temp	-30°C ~ +65°C
RH (%)	≤ 95%RH, no condensation
Max Altitude	2km (2km-5km with reduced frequency)
Installation	Floor-mounted
Cooling Method	Forced air cooling
Weight	≤ 350kg (excluding modules)
Weight(W*D*H)	960mm*780mm*1800mm
Add-ons	Smoke detection, water immersion