



# 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

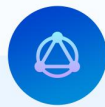


## Features



### 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

<b>Model</b>	FH-ED-160kW
Rated Power	160kW
<b>Input Parameter</b>	
Input Voltage	380V
IVR	AC323V ~ AC437V
Input Current	245A
Power Factor	≥ 0.99 (rated load)
Frequency	50Hz / 60Hz
THDi	≤ 3% (rated conditions, full load)
<b>Output Parameter</b>	
Output Voltage	DC50V-DC1000V
MTBF	>8760h
I <sub>max</sub> (A) per Gun	250A
V-Reg Accuracy	≤ ±0.5%
I-Reg Accuracy	≤ ±1%
Load Sharing Imbalance	≤ ±5%
Peak Efficiency	≥ 95%

<b>Basic Characteristics</b>	
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	-20°C ~ +75°C
RH (%)	≤ 95%RH, no condensation
Max Altitude	2km (2km-5km with reduced frequency)
Installation	Floor-mounted
Cooling Method	Forced air cooling
Weight	≤ 230kg (excluding modules)
Weight(W*D*H)	860mm*550mm*1760mm
Add-ons	Smoke detection, water immersion