

60 - 240kW NEW

DC Fast Charger(Standard)



97.2%

Peak Efficiency
(PM)

10.1"

Full HD LCD Touch Screen
with IK08 Impact Protection

Max. **400A**

Output current
per connector

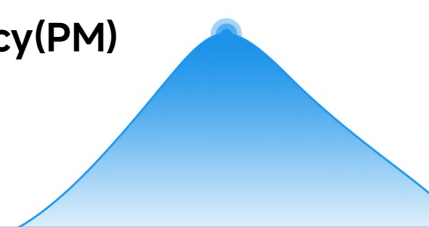
Features

Built in Cable Management System

Easy Cable(5/7.5/10m) handing



97.2%
Peak Efficiency(PM)



Disabled Friendly

Height of operation area meets the needs of the disabled



IK08 Screen Protection



**10.1" IK08
Touch Screen**

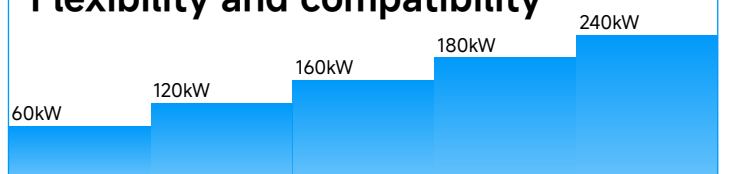


IP54 Protection

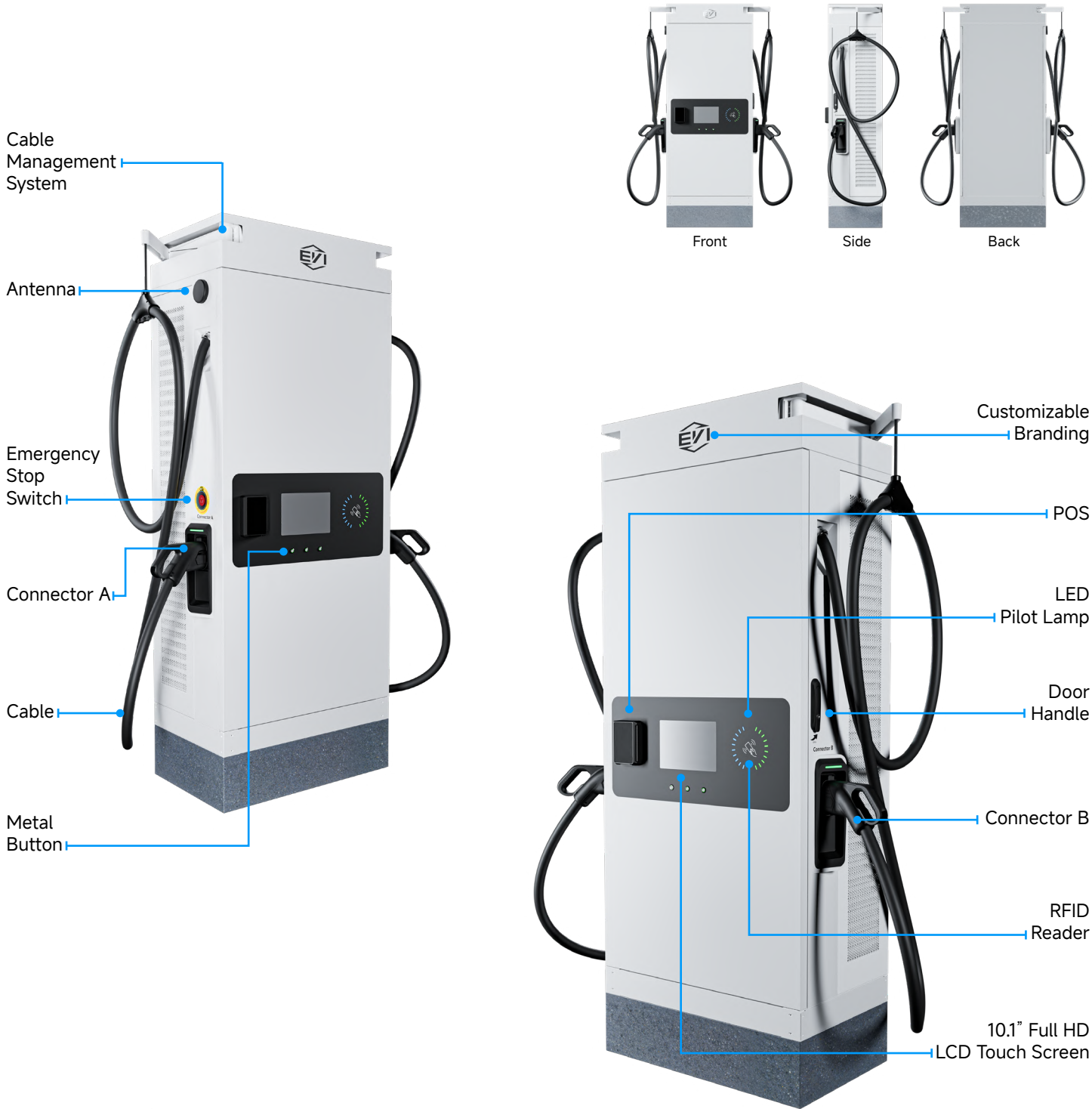
IP55 Optional



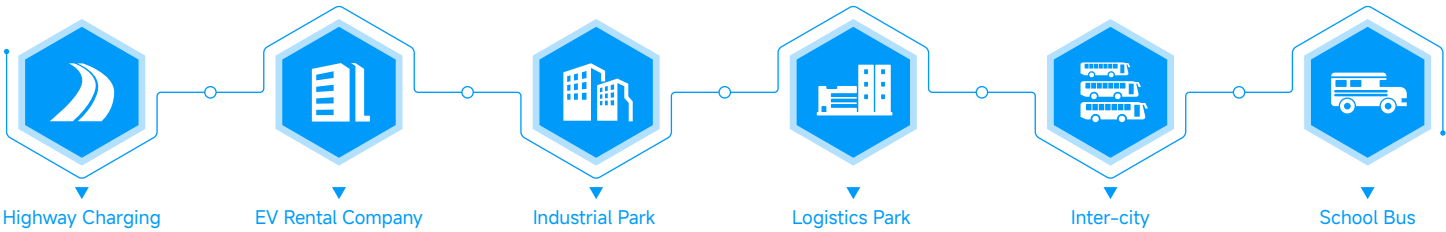
60-240kW Flexibility and compatibility



Appearance



Scenarios



Specification

	EVDC2-60K-11-US-12F	EVDC2-120K-11-US-12F	EVDC2-160K-11-US-12F	EVDC2-180K-11-US-12F	EVDC2-200K-11-US-12F	EVDC2-240K-11-US-12F
Input						
Voltage Range	480Vac +15%/-30%					
Miximum Current	107.4A	214.9A	286.5A	322.3A	358A	429.7A
Rated Frequency	50/60Hz					
Power Factor	>0.99					
Output						
Voltage Range	200 ~ 1000 Vdc					
Voltage Range in Constant Power Mode	300 ~ 1000 Vdc					
Cable Rate Current	250A	250A/400A	250A/400A	250A/400A	250A/400A	250A/400A
Maximum Output of a Single Connector	200A	400A	400A	400A	400A	400A
System						
Peak Efficiency (PM)	97.2%					
Power Module	40kW					
Ripple Coefficient	<0.5					
Current Sharing Coefficient	<5%					
Stabilized Voltage Precision	<0.5%					
Stabilized Current Precision	<1%					
THDi	≤ 5%					
Protocol	OCPP 1.6, OCPP2.0.X (Pending)					
Design Lifetime	10 Years					
MTBF	≥ 50,000h					
Customer Interface						
Display	Type: 10.1" HD true color anti-glare LCD; Operating Temperature Range: -35~70℃ Brightness: >1000 nits; Contrast: 1000:1; Interface: Capacitive touch screen					
Type of Connector	CCS1 / NACS					
Maximum Number of Connectors	2					
Connector Communication Mode	In accordance with DIN 70121 and ISO 15118 standard					
Cable Length	5m (7.5m Optional)					
Safety						
Optimized Power Module for Better Integration	Customized charging mode to prevent the mis operation of human factor					
Interlock	Between 2 charging connectors					
Interface Safety Protection	Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection					
Ingress Protection Rating	IP54 (IP55 Optional)					
Impact Protection	IK08(Screen)					
Protection	Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection					
Emergency Stop	Disconnect the charger and EV to prevent emergency incidents					
Certification Standards	UL2202, UL2231, IEC 61851, IEC 62196, DIN 70121, ISO 15118					
Warranty	2 Years					
Environment						
Installation	Floor Standing					
Noise	≤ 65dB (Silent Mode)					
Operating Temperature Range	-30℃ ~ 50℃					
Relative Humidity	5% ~ 95% (No condensation)					
Cooling	Intelligent Air-cooling					
Operating Altitude	2000m (Derate from 2000m to 3000m)					
Dimensions(W*H*D)	800*1880*500mm (Including cable management system, Connectors not included)					
Net Weight	≈ 240kg	≈ 280kg	≈ 280kg	≈ 310kg	≈ 310kg	≈ 316kg
Gross Weight	≈ 280kg	≈ 320kg	≈ 320kg	≈ 350kg	≈ 350kg	≈ 356kg