



EVB-DC-PS180

EV Charger

DC Fast Charger

EVBOLT

DC FAST CHARGER

FEATURES

- Optional non-Liquid-cooled 500A charging connector*
- Simultaneous DC charging
- Multi-standard: CCS and CHAdeMO
- Network or standalone operation
- User authentication
- Optional cable management accessories
- Supports smart charging and load balancing
- Efficiency > 94%; PF > 0.99(APFC)
- 7-inch LCD screen with user friendly interface
- OCPP 1.6 JSON
- IK10/NEMA 3R(Not including screen and RFID module)
- Customization available

* 300A to 500A duty cycle is following charging connector's instruction



EVB-DC-PS180

Model Name	EVB-DC-PS180
Safety	NRTL – cETLus (USA/Canada)
Product Photo	

Power Specification

AC Input	Input Rating	Three Phase_480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	DC System Three Phase 260A
	Frequency	50Hz/60Hz
	Power Factor	>0.99
	Efficiency	>94%,at optimize V/I point
DC Output	Output Voltage Range	<ul style="list-style-type: none">• CCS1:150~950Vdc• CHAdeMO:150~500Vdc
	Max. Output Current	<ul style="list-style-type: none">• CHAdeMO:120A@500V• CCS1:200A@900V, optional 300A
	Max. Output Power	DC System:180kW
	Voltage Accuracy	±2%
	Current Accuracy	±2%

User Interface & Control

Display	7" TFT-LCD
Push Buttons	Operation button/Emergency stop button
User Authentication	RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) OCPP, 2D barcode, APP, Mobile payment

Communication

External	Ethernet,Wi-Fi,and 4G
Internal	CAN bus/RS485

Environmental

Operating Temperature	-30°C~50°C, will derating from 50°C and above
Humidity	5%~95% RH, non-condensing
Altitude	≤ 2000m
IP/IK Level	<ul style="list-style-type: none">• NEMA 3R• IK10 (not including screen and RFID module)
Cooling Method	Fan cooling

Mechanical

Cabinet Dimension(W x D x H)	800 x 650 x 1900mm ±1%
Weight	≤ 500kg ±1%
Cable Length	4m
Cable Management	Optional Cable Management (Not included)

Protection

Input Protection	OVP, OCP, OPP, OTP, UVP, SPD
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD

Regulation

Certificate	UL 2202, UL2231
Charging Interface	CHAdeMO V1.2, DIN 70121, ISO15118, GB/T 27930