



# ASTEROPE 18

EV Charger

DC Fast Charger

EV BOLT



Optional Cable Management

# 180kW DC Fast Charger

## FEATURES

- Optional non-Liquid-cooled 500A charging connector\*
  - Interface: CCS1
  - Network or standalone operation
  - User Authentication
  - Optional Cable Management Accessories
  - Supports Smart Charging
  - Efficiency > 94% ; PF > 0.99(APFC)
  - 7-inch LCD screen with user friendly interface
  - OCPP 1.6 JSON (Upgradable to 2.0)
  - IK10/NEMA 3R (Not including screen and RFID module)
- \* 300A to 500A duty cycle is following charging connector's instruction




**EVBOLT**

13450 FM 529 Rd Houston, TX 77041, USA

U.S Toll-Free: +1 (800) 351-2110

[www.evbolt.com](http://www.evbolt.com)

Model Name		EVB-DC-PS1801XCCS1
Safety		NRTL – cETLus (USA/Canada )
Picture		
Power Specification		
AC Input	Input Rating	3Φ_480 Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	DC System: 3 Φ 260A
	Frequency	50Hz / 60Hz
	Power Factor	>0.99
	Efficiency	>94% (at optimize V/I point)
DC Output	Output Voltage Range	CCS1: 150~950VDC
	Max. Output Current	CCS1: 300A@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 buttons / Emergency stop button	
User Authentication	RFID: Supports ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966), OCPP, QR Code, Mobile App, & Optional Third Party Payment System	
Communication		
External	Ethernet/4G/Wi-Fi	
Internal	CAN bus/RS485	
Environmental		
Operating temperature	-30°C~50°C (-22°F ~ +122°F)	
Humidity	5%~95% RH, non-condensing	
Altitude	≤ 2000m (6562ft)	
IP/IK Level	NEMA 3R IK10 (not including screen & RFID module)	
Cooling Method	Fan cooling	
Mechanical		
Cabinet Dimension (W x D x H)	800mm x 650mm x 1900mm (31.50in x 25.59in x 74.80in) ±1%	
Weight	≤ 460kg (1014lbs) ±1%	
Cable Length	4.5m (15ft)/Optional 7m (23ft)	
Protection		
Input Protection	OVP, OCP, OPP, OTP, UVP, SPD	
Output Protection	OCP, SCP, OVP, LVP, OTP, IMD	
Regulation		
Certification	UL 2202, UL2231, EnergyStar™	
Charging Interface	CCS1, ISO 15118	