

# EVC Level 3, DC Fast Series

## Specifications:

Model Number	EVC/D180/SS13/EWG/W
Maximum Output Power	DC 180kW
Max. Input Current	232A@277Vac,L-N 277A@235Vac,L-N
Max. Input Power	194kVA
Voltage Rating	3Φ480Vac(+10%,-15%)
DC Charging Connector	CCS1,CHAdeMO (Note 2)
Voltage Accuracy	±2%
Current Accuracy	±2%
Standby Power	< 100W
Electrical Isolation	Between Input and Output
Load Management	Via OCCP 1.6 JSON
Backend Support	OCPP 1.6 JSON
Safety	UL2202,UL2231
FCC Compliant	Yes
Ingression Protection	IP55 NEMA 3R
Anti-Vandalism	IK10, not include LCD & RFID
Dimensions (WxDxH inch)	27.56 x 13.03 x 70.87 inch
Weight	1102 Lbs
Power Factor	> 0.99
Efficiency	> 94%, at optimize V/I point
Output Voltage Range	CCS1 150Vdc ~ 950Vdc CHAdeMO 150Vdc ~ 500Vdc
Maximum Output Current	200A@150Vdc ~ 500Vdc / 190A @ 950Vdc **CHAdeMO 120A@150Vdc ~ 500Vdc
Simultaneously Output Mode	0% , 50% , 100% (Note 1)
Input Protection	OVP, OCP, OPP, UVP, RCD, SPD
Output Protection	OCP, OVP, LVP, OTP, IMD
Internal Protection	OTP, AC/DC contactor detection, Fuse detection
Display	7-inch LCD
User Authentication	RFID, QR Code, Mobile APP
Operation Temperature	-22°F to 122°F
Storage Temperature	-40°F to 158°F
Relative Humidity	5%~95% RH, non-condensing
Cooling	Fan Cooling

### Note 1

Each connector will get 50% output power when plug in simultaneously; And one connector will get 100% when another connector finish the charging session or only this connector is plugged in.

### Cable Management Compatibility

Model Number	Description
EVA/CM13D/V	Cable Management fo EVC Level 3 DC Fast Charger 60/120/180kW, 13 ft Cable with Oval Shape, White
EVA/CM21D/S	Cable Management fo EVC Level 3 DC Fast Charger 60/120/180kW, 21 ft Cable with Square Shape, White

