



120kW, 150kW & 180kW DC Chargers

This Ultra-Rapid DC Charger is engineered for high output power delivering up to 180kW output power.

We have 3 ultra-rapid charging solutions; 120kw, 150kw and 180kw.

The Charger itself includes two rapid DC Charging connection cables, each at a length of 5m.



Service Stations



Retail



Public

Key Features:

- **Ultra-rapid Charging Mode:** Offers a flexible configuration with two DC Charging connectors.
- **Cable Management:** For essential safety and efficiency.
- **Touch Screen:** Impressive 10.4 inch touch screen for easy use.
- **Less Force:** Automatic arm retraction for easy use.
- **Cable Protection:** Reduces bending, weather-resistant.
- **Compatibility:** This charger is compatible with 99% of Electric Vehicles, to ensure broad market scope.

4G GSM	 Wi-Fi	 DC CHARGING	 300 AMP RATED	 5 YEAR WARRANTY
 ETHERNET	120 - 180kW	OCPP 1.6J	 IP55 RATING	 IK10 RATING



*On site 5-year warranty for all housing and parts except the power modules. Power modules are covered under a 3 year Or 10,000 Hour warranty against manufacturing defects and faults. On Site Warranty requires that regular Maintenance is undertaken on ensuring air filters are kept clean and inspected for any loose connections on a yearly basis.



Up to 180kW Power

Offering a fast, stable, easy charging experience



High Protection

Under/overvoltage, DC overcurrent, over-temperature & surge protection



Ease of Use

With the 10.4 inch user friendly screen interface, it allows easy install, configuration & testing



High Performance

Operating at 95% power efficiency with output current of 300A max

Product Code

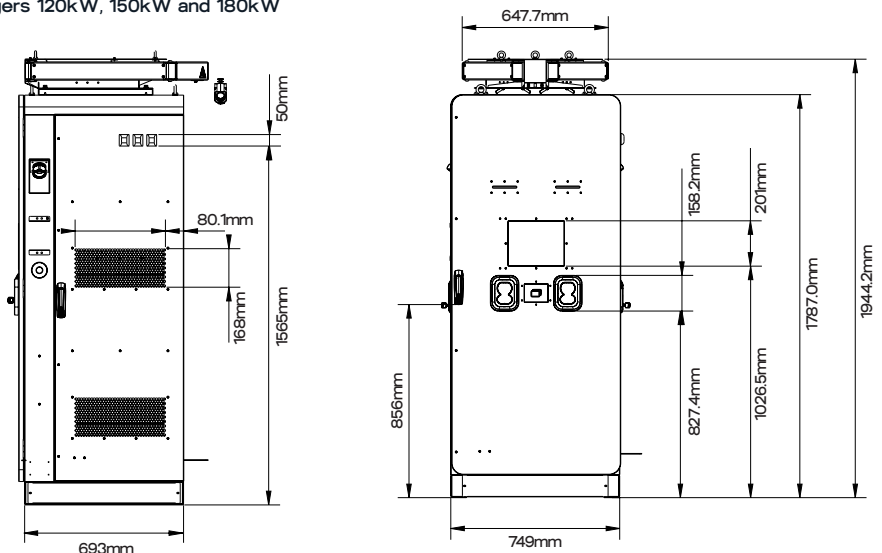
Description

EVPDCF120BGR	DC Pro Charger, Floor Mount, 120kW, Three Phase, 4G, Sim Card
EVPDCF150BGR	DC Pro Charger, Floor Mount, 150kW, Three Phase, 4G, Sim Card
EVPDCF180BGR	DC Pro Charger, Floor Mount, 180kW, Three Phase, 4G, Sim Card
EVPDCF120BGRP	DC Pro Charger, Floor Mount, 120kW, Three Phase, 4G, Sim Card & Payment Terminal
EVPDCF150BGRP	DC Pro Charger, Floor Mount, 150kW, Three Phase, 4G, Sim Card & Payment Terminal
EVPDCF180BGRP	DC Pro Charger, Floor Mount, 180kW, Three Phase, 4G, Sim Card & Payment Terminal

Cable Management comes as standard with DC Chargers 120kW, 150kW and 180kW

At a glance

Phase	Three
Power	120 - 180kW
Connection Type	CCS-2
Input Current	185A - 277A
Protocol	OCCP 1.6J
Colour	Silver / White
Material	Aluminium Alloy



DC Charger 120, 150 & 180kW

Main Features

- 150-1000Vdc wide output voltage range
- Cable Management System as standard and ADA compliance
- Connect to backend on OCPP 1.6J protocol

Powered by Monta. Other back offices are available on request. Please contact us or speak to your local representative for further details.



Specifications

General Information	EVPDCF120BGR	EVPDCF150BGR	EVPDCF180BGR
AC Rated Input Power	400V/3P+N+PE 50/60Hz		
AC Input Voltage Range	400V±15%		
AC Rated Input Current	185A for 120kW output / 231A for 150kW output / 277A for 180kW output		
Power Factor	≥0.99 @ Full Load		
Efficiency	95%		
Grid Type	TN-S, TN-C, TN-C-S, TT		
Connector Type	CCS2+CCS2 (simultaneous charging)		
Rated Power	120kW, 150kW, 180kW		
Output Voltage	150-1000Vdc		
Output Current	300A/connector		
User Interface	EVPDCF120BGR	EVPDCF150BGR	EVPDCF180BGR
Display	10.4-inch touch screen		
Support Language	English (Other languages available upon request)		
Button and Switch	Emergency button		
User Authentication	RFID, App or Credit Card (Optional)		
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693		
Communication	EVPDCF120BGR	EVPDCF150BGR	EVPDCF180BGR
Network Interface	4G, Wi-Fi, Ethernet		
Protocol (EVSE&Backend)	OCPP 1.6J, OCPP 2.0 (ongoing)		
Protocol (EVSE&EV)	DIN 70121, ISO 15118		
User Interface	EVPDCF120BGR	EVPDCF150BGR	EVPDCF180BGR
Operating Temperature	-30°C - 50°C (derating over 50°C)		
Storage Temperature	-40°C - 70°C		
Humidity	5% ~ 95% no condensation		
Altitude	≤2000m		
Mechanical	EVPDCF120BGR	EVPDCF150BGR	EVPDCF180BGR
Enclosure	IP Rating: IP55	IK Rating: IK10, IK08 Screen	
Cooling	Forced Air		
Charging Cable Length	5m (optional)		
Operating Range with Cable Management System	5m cable with approx. 3.8m operating range / Optional Swing Arm available		
Dimensions (WxHxD)	750*1790*720mm (without connector holder and cable management system)		
Weight	Approx. 285kg (without power modules and cable management system) Approx. 15kg per power module / 28kg cable management system		
Installation	Floor mounting		
Mechanical	EVPDCF120BGR	EVPDCF150BGR	EVPDCF180BGR
Standards and compliance	IEC 61851-1, IEC 61851-21-2, IEC 61851-23, LVD 2014/35/EU, RED 2014/53/EU		
Certification	CE, CB		

DC Charger 120, 150 & 180kW with payment terminal

Main Features

- 150-1000Vdc wide output voltage range
- Cable Management System as standard and ADA compliance
- Connect to backend on OCPP 1.6J protocol
- Supplied with Payter Apollo payment terminal

Powered by Monta. Other back offices are available on request. Please contact us or speak to your local representative for further details.



Specifications

General Information	EVPDCF120BGRP	EVPDCF150BGRP	EVPDCF180BGRP
AC Rated Input Power	400V/3P+N+PE 50/60Hz		
AC Input Voltage Range	400V±15%		
AC Rated Input Current	185A for 120kW output / 231A for 150kW output / 277A for 180kW output		
Power Factor	≥0.99 @ Full Load		
Efficiency	95%		
Grid Type	TN-S,TN-C,TN-C-S,TT		
Connector Type	CCS2+CCS2 (simultaneous charging)		
Rated Power	120kW, 150kW, 180kW		
Output Voltage	150-1000Vdc		
Output Current	300A/connector		
User Interface	EVPDCF120BGRP	EVPDCF150BGRP	EVPDCF180BGRP
Display	10.4-inch touch screen		
Support Language	English (Other languages available upon request)		
Button and Switch	Emergency button		
User Authentication	RFID, App or Credit Card (Optional)		
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693		
Communication	EVPDCF120BGRP	EVPDCF150BGRP	EVPDCF180BGRP
Network Interface	4G, Wi-Fi, Ethernet		
Protocol (EVSE&Backend)	OCPP 1.6J, OCPP 2.0 (ongoing)		
Protocol (EVSE&EV)	DIN 70121, ISO 15118		
User Interface	EVPDCF120BGRP	EVPDCF150BGRP	EVPDCF180BGRP
Operating Temperature	-30°C - 50°C (derating over 50°C)		
Storage Temperature	-40°C - 70°C		
Humidity	5% ~ 95% no condensation		
Altitude	≤2000m		
Mechanical	EVPDCF120BGRP	EVPDCF150BGRP	EVPDCF180BGRP
Enclosure	IP Rating: IP55		IK Rating: IK10, IK08 Screen
Cooling	Forced Air		
Charging Cable Length	5m (optional)		
Operating Range with Cable Management System	5m cable with approx. 3.8m operating range / Optional Swing Arm available		
Dimensions (WxHxD)	750*1790*720mm (without connector holder and cable management system)		
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