



## Level 3 DC Charging Station

# DC120

**120 kW  
250 Amps  
ISO 15118**



## Features

- ✔ **Compatibility:** Comes with two standard J1772 (Type 1) connectors with smart power balance that can charge two vehicles simultaneously.
- ✔ **Safe and Reliable:** DC120 stations are meeting the stringent requirements of the nation's leading safety standards organization.
- ✔ **Hardware:** DC120 stations are rugged waterproof IP44 rated they can be installed outdoors or indoors, built to withstand the elements.
- ✔ **OCPP Networked Charging:** Receive automatic software updates that deliver the latest improvements and features. Remotely monitor, manage multiple charging sites in one place and configure stations. You can also get real-time station information, track the charging status of all vehicles.

## AC Nominal Input

Phase/Lines	3 phase + neutral + PE
Voltage	300-520V
Max . input current	260A
Frequency	50Hz / 60Hz (±10%)

## DC Nominal Output

Voltage	300-1000VDC
Constant power	120KW

## Electrical Parameter

Power Factor	≥0.99
Unequal Current Ratio	≤ 5%
Stable voltage accuracy	≤±0.5%
Stable Current Accuracy	≤±1%
Efficiency	≥95% (50%-100% load)

## User Interface

Charging Outlet	SAE J1772 (Type 1)
Cable Length	17 Feet (standard)
LED Indicator	3 indicators
LCD screen	10-inch Daylight readable touchscreen
Emergency Stop Button	Yes
Startup Mode	Plug-and-play/RFID card
RFID	Yes

## Communication

Connectivity	Ethernet + Wi Fi, 3G and 4G optional
Communication Protocol	OCPP 1.6 (JSON)

## Environmental Index

Operation Temperature	-20°C ~ 65°C
Working Humidity	5%-95% without condensation
Working Altitude	<2000m
Protection Grade	IP54
Application Site	Indoor/Outdoor
Cooling Method	Fan cooling

## Protection

Multiple Protection	Over/Under voltage protection, overload protection, short circuit protection, over/under temperature protection, Surge protection, Communication failure
Dimension (HxWxD)	62 x 34 x 22 inch
Safety and Compliance	UL and cUL listed
Warranty	3 Year Limited