



EV Charger DC 175kW

## A Better Future with Better Charging



Stylish Design



Dynamic Load Management of Multiple Chargers



High Quality 24 inch Touch Display



Liquid Cooled CCS1 / NACS Charging Cable



# Technical Specifications

175kW EV Charger

## 175kW Dispenser (EVD175SK-PN)

<b>ELECTRICAL CHARACTERISTICS</b>	Max Output Power	DC 175kW
	Output Current	Up to 350A
	Output Voltage	DC 200 ~1,000V
<b>CABLE / CONNECTOR</b>	Connector Type	CCS1, NACS
	Cable Length	18 ft (5.5 m)
<b>CONNECTIVITY</b>	Network	Ethernet (10/100 Mb/s) or LTE
	Protocol	OCPP1.6J (Upgradable to OCPP2.0.1 later)
	Software Update	USB and over-the air (OTA) available
<b>USER INTERFACE</b>	Authentication / Payment	RFID, NFC
	Payment	Credit Card, Mobile Wallet
	Display	24 inch touch, 1,000 nit brightness, 1,920 x 1,080 FHD resolution
	Status Indication	Color LED, Audio
<b>GENERAL CHARACTERISTICS</b>	Dimension (W x H x D)	27.2 x 86.6 x 15.7 in. (690 x 2,200 x 400 mm)
	Weight	617 lbs. (280 kg)
	Operating Temperature	-31°F to 131°F (-35°C to 55°C)
	Storage Temperature	-40°F to 158°F (-40°C to 70°C)
	Operating Altitude	Up to 6,560 ft. (2,000 m)
	Humidity	< 95% Relative humidity, non-Condensing
	Enclosure Rating	IP55, NEMA 3R, IK10 (IK08 screen)
<b>PROTECTIVE FUNCTION</b>	Over current, Over voltage, Under voltage, Over temperature, Short circuit, Surge, Ground fault, Emergency stop button, Physical impact, Water leakage, Door open detection, Door lock	
<b>WARRANTY</b>	2 year limited warranty, additional 1 to 3 years extension available	

## 175kW Power Cabinet (EVP175NK-NN)

<b>ELECTRICAL</b>	Max Output Power	DC 175kW
<b>CHARACTERISTICS</b>	Output Current	Up to 350A
	Output Voltage	200 to 1,000 Vdc
	Input Voltage	3P 480 Vac, 60Hz
	Power Factor	>0.99 at full load
	Efficiency	>95% at full load
	<b>GENERAL CHARACTERISTICS</b>	Dimensions
Weight		888 lbs. (403 kg)
Operating Temperature		-31°F to 131°F (-35°C to 55°C)
Storage Temperature		-40°F to 158°F (-40°C to 70°C)
Operating Altitude		Up to 6,560 ft. (2,000 m)
Humidity		< 95% Relative humidity, non-Condensing
Enclosure Rating		IP55, NEMA 3R, IK10
<b>PROTECTIVE FUNCTION</b>	Over current, Over voltage, Under voltage, Over temperature, Short circuit, Surge, Ground fault, Emergency stop button, Physical impact, Water leakage, Door open detection, Door lock	
<b>WARRANTY</b>	2 year limited warranty, 1 / 2 / 3 year extension available	