



EV Charger DC 175kW

A Better Future with Better Charging



Stylish Design



High Quality
24 inch Touch Display



UL Certified,
RoHS Complied



Dynamic Load Management
of Multiple Chargers



Liquid Cooled CCS1 / NACS
Charging Cable



Ergonomic User Interface

Stylish and Intuitive Design

Iconic track design: ergonomic user interface, partial eclipse LED indicator



Enhancing Convenience for Various EVs

Liquid Cooled CCS1 and NACS Cable

High current liquid cooled charging cables are provided with retractable cable management. Not only CCS1 but also NACS electric vehicle is able to be charged.



High Quality 24 inch Touch Display



Assembled in the USA with Foreign and Domestic Parts



Reliable Quality

Safe and Sound

This LG product is designed to work commercial environments (NEMA 3R compliant for electrical safety). It is also designed with the environment in mind having RoHS compliant* materials.



Durability Rated

With multiple durability ratings, the LG Charger has been designed to resist water and dust ingress (IP55 rated), physical impacts (IK10 rated)** and electrical safety (NEMA).

Ready for the Outdoors

This LG Charger operates reliably in a wide range of temperatures and was verified with UL testing standards.

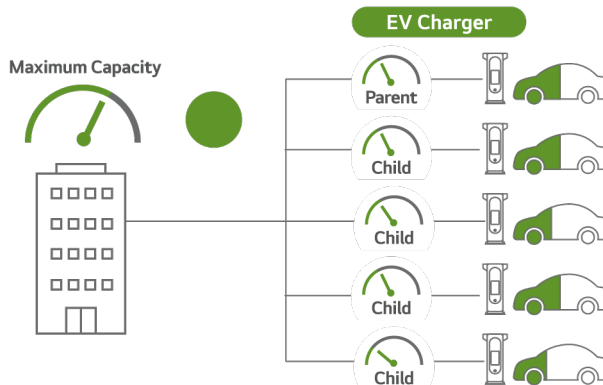
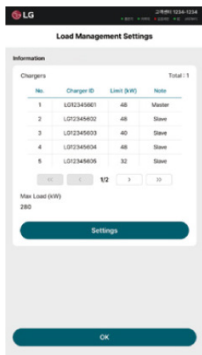
* Restriction of Hazardous Substance adopted by European Union directing restriction of the use of ten chemicals including Lead, Mercury, Cadmium.

** Display screen is IK08 grade.

Efficient Management

Dynamic Load Management of Multiple Chargers

Dynamic load management supports operator in effectively managing the electricity usage of a charging station within its maximum power limit based on site level communication among chargers.



A Relaxing EV Charging Experience with Intuitive Design

175kW EV Charger

EV Charger

Featuring a stylish exterior, dynamic load management, and Multilingual* display and audio guide. LG Electronics EV Charger is UL certified and and RoHS compliant for environmental substances.

* English, Spanish, French



Use Cases



*This images simulated to enhance feature understanding. It may differ from actual use.

175kW Dispenser (EVD175SK-PN)

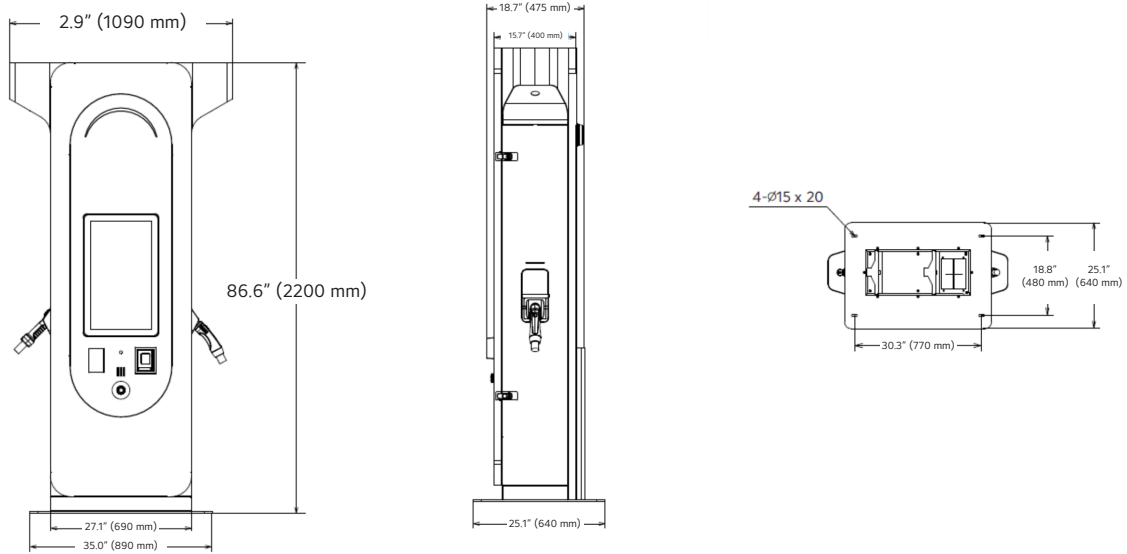
ELECTRICAL CHARACTERISTICS	Max Output Power	DC 175kW
	Output Current	Up to 350A
	Output Voltage	DC 200 ~1,000V
CABLE / CONNECTOR	Connector Type	CCS1, NACS
	Cable Length	18 ft (5.5 m)
CONNECTIVITY	Network	Ethernet (10/100 Mb/s) or LTE
	Protocol	OCPP1.6J (Upgradable to OCPP2.0.1 later)
	Software Update	USB and over-the air (OTA) available
USER INTERFACE	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
GENERAL CHARACTERISTICS	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)
PROTECTIVE FUNCTION	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	
REGULATORY AND STANDARDS	UL/cUL, FCC Class A, ISO15118*, NEVI**, NTEP/CTEP**, RoHS, Energy Star**, ADA***	
WARRANTY	2 year standard warranty, additional 1 to 3 years extension available	

175kW Power Cabinet (EVP175NK-NN)

ELECTRICAL	Max Output Power	DC 175kW
CHARACTERISTICS	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
	GENERAL CHARACTERISTICS	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
PROTECTIVE FUNCTION	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	
REGULATORY AND STANDARDS	UL/cUL, FCC Class A, RoHS, ADA	
WARRANTY	2 year standard warranty, 1 / 2 / 3 year extension available	

Mechanical Dimensions

Dispenser



Power Cabinet

