



Electric Vehicle Charging Station

Installation Manual

DP350K-DCM
DP350K-CC
HPC-175K

Revision History

Revised Version	Revised Date	Revised Details
1.0	01.13.2020	Initial

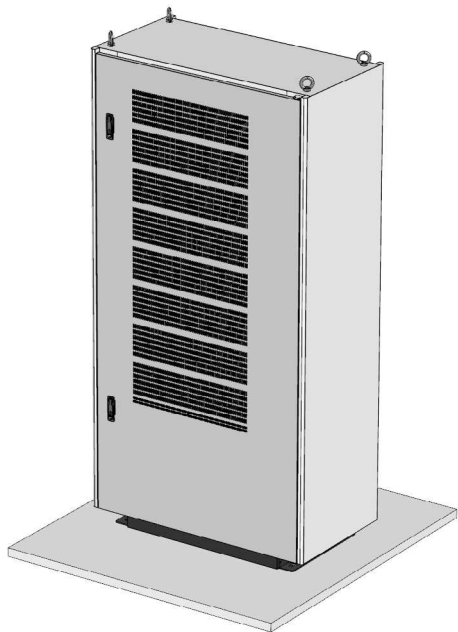
Models



Dispenser
HDP 350K - NCM2
Combo + Combo

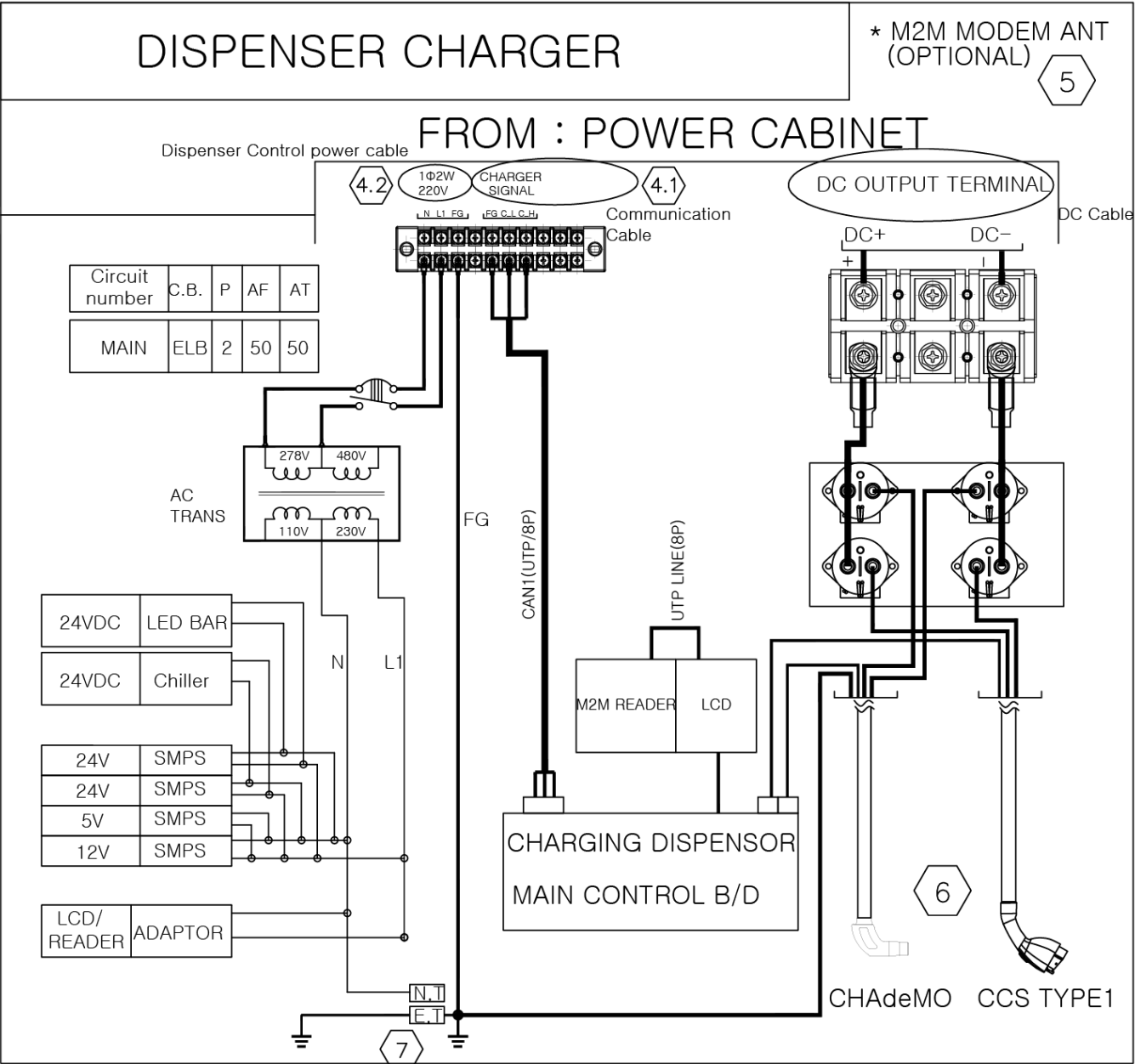


Dispenser
HDP 350K - NCC
Combo + CHadeMo



Power cabinet
HPC 175K

Dispenser - 2/2



Specifications

Specifications

The following table lists the specifications for the EV Charging Station.

Power Cabinet

Item		HPC 175K (1 set) (150 kW power config)	HPC 175K (2 sets) (350W power config)
AC Input	Voltage	3-phase, 480y/277 (4-wire)	
	Voltage Range	10 %	
	Frequency	50/60 Hz	
	Current (peak)	227 A	
	Power	173 kW	346 kW
DC Output	Max. Voltage	DC 200 – 920 V	
	Max. Power	161 kW	322 kW
Power Factor		More than 0.99	
Efficiency (full load)		94.5 %	
Mfr recommended overcurrent protection		300 A	
Total Harmonic Distortion		3.9	
Operating Temperature		-30 °C – +50 °C (-22 °F – +122 °F)	
Humidity		95 %	
IP Rating		Nema, Type 3R, Rain Proof	
IK Rating		IK08	
Short Circuit Rating		65 kA (part number starting with QB)	
Altitude		3,000 m	
Power Cabinet Weight		882 lb (400kg)	1,764 lb (800kg)
Power Cabinet Dimensions (W x D x H)		41.97 x 29.45 x 83.39 in (1,066 x 748 x 2,118 mm)	83.94 x 22.05 x 83.39 in (2,132x 748 x 2,118 mm)

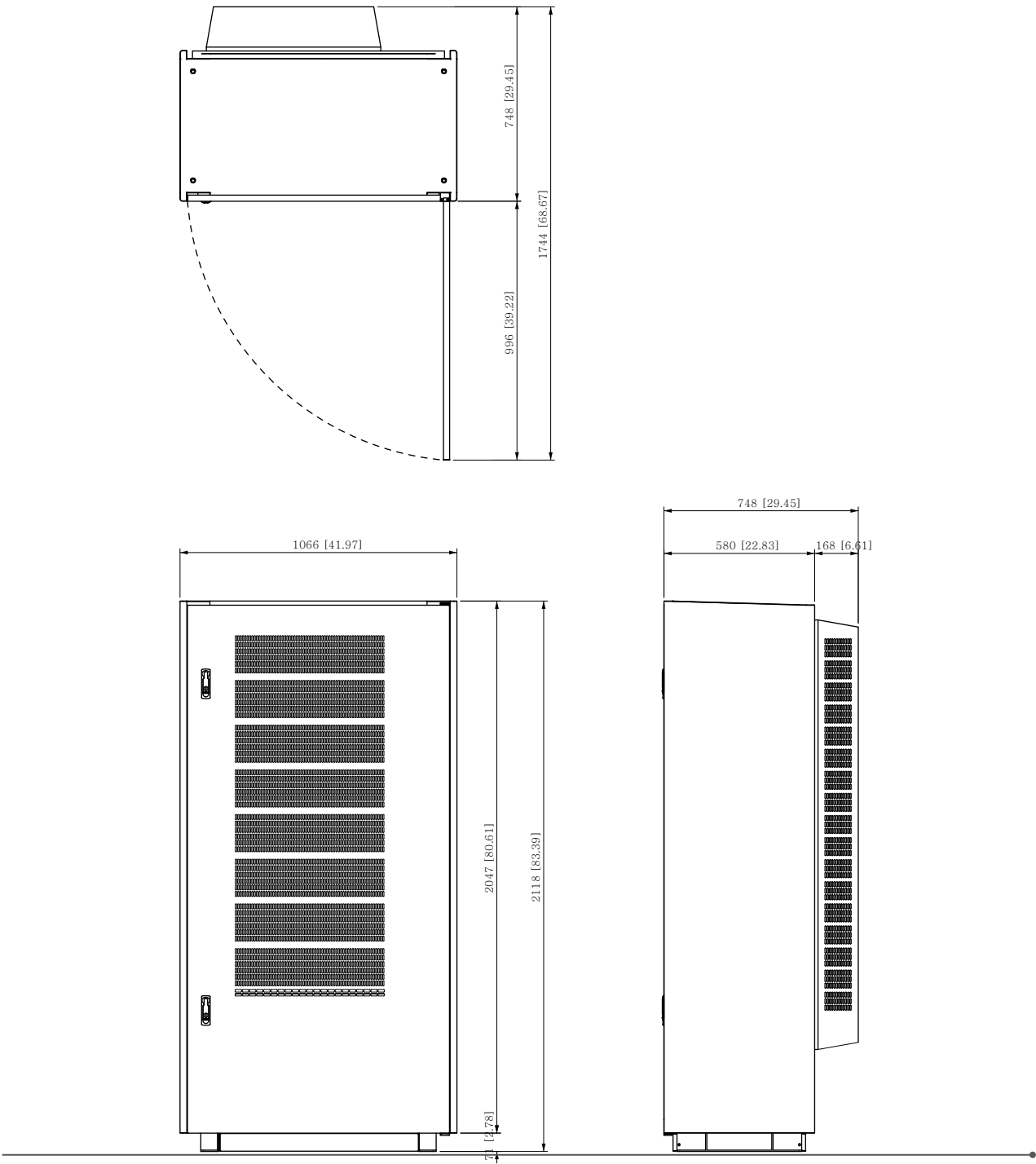
 Dispenser

Item		Description	
		Model: HDP350K-NCM2 (CCS1 + CCS1 config)	Model: HDP350K-NCC (CCS1 + CHAdeMO config)
DC Output	Max. Voltage	DC 200 – 920 V	
	Max. Current	460V/500A, 920V/350A	
	Max. Power	350KW	350 kW for CCS1 100 kW for CHAdeMO
Operating Temperature		-30 °C – +50 °C (-22 °F – +122 °F)	
Protective Function		• Reverse polarity protection • Short circuit protection • Over temperature protection • Over-voltage / Under-voltage protection • Ground fault detection	
Display (LCD)		15 in touch screen	
IP Rating		NEMA, Type 3R, Rain Proof	
IK Rating		IK08	
Altitude		3000 m	
Dispenser Weight		551 lb	
Dispenser Dimensions (W x D x H)		28.03 x 22.05 x 99.24 in (712 x 560 x 2,521 mm)	
Payment		Debit and credit cards, mobile, NFC payments, swipe, contact or contactless	
Communication		OCPP 1.6 JSON over Websockets	

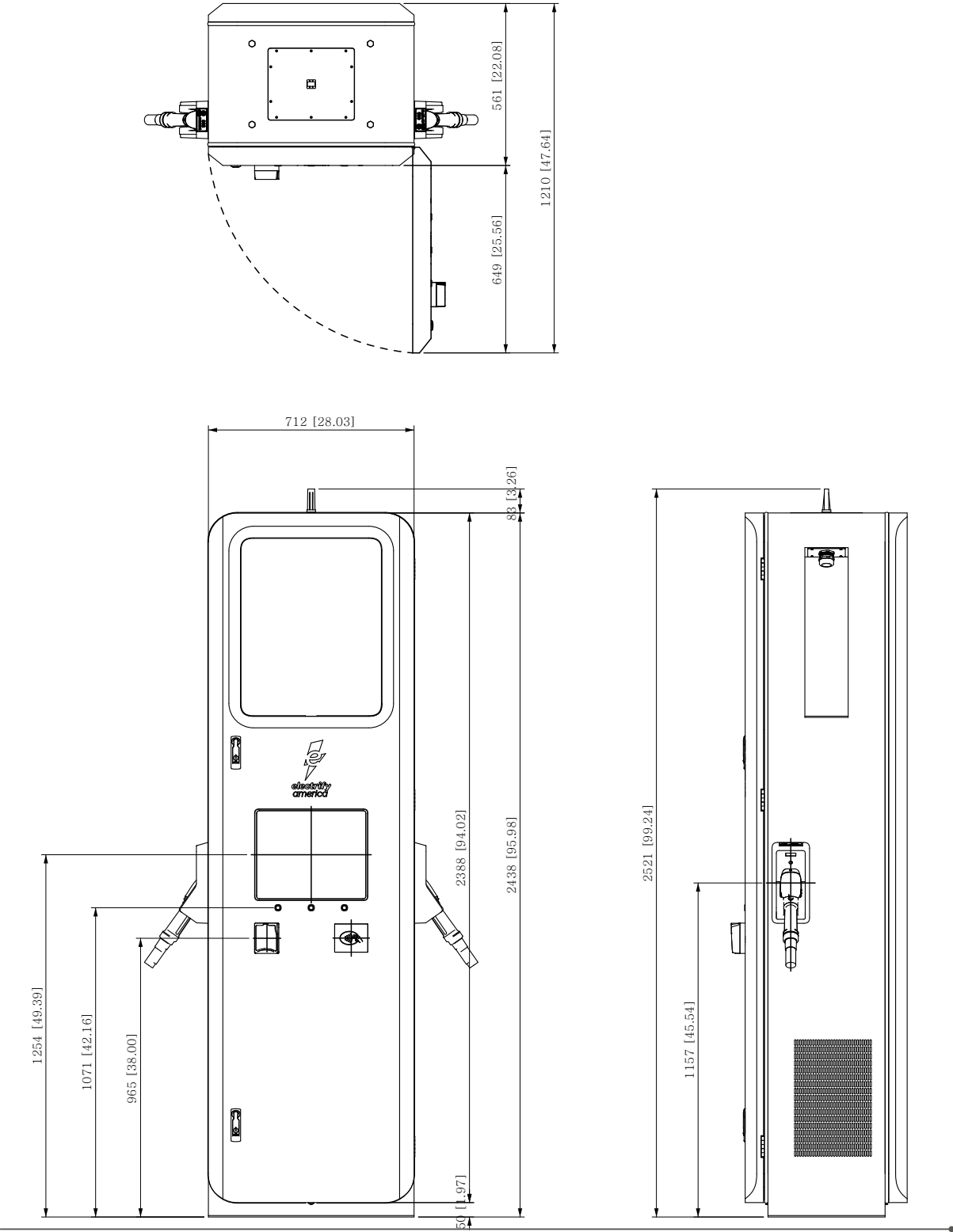
Dimensions

The following diagrams show the dimensions of the Power Cabinet and Dispenser.

Power cabinet



Dispenser



Installation Pad Dimensions

The following diagrams show the dimensions of the installation pads for the Power Cabinet and Dispenser.

Power cabinet - 175 kW

Power Cabinet – 175KW

