



Product Overview

The C7 HyperX Charger is a barrier free, fully customizable, dual port DC Fast Charger capable of up to 400kW max output. It includes a 21.5 inch HD screen for advertising and a 13.3 inch HMI for user interaction. A stunning array of LED indicator lights designates state of charge via visual indication and provides an illumination of the charging station. The C7 HyperX is fully OCPP compliant for both 1.6 and 2.0.1 and can be configured/diagnosed remotely through internet connection via LAN, LTE/cellular, or Wifi.

Product Features

Barrier-free Design:



- The connector placement and HMI design complies with ADA accessibility standards.
- The barrier-free design makes the unit user-friendly and easily accessible for all users

High Power Output:



- C7 HyperX features variable power factor correction, delivering up to 400 kW power at max 500A, reducing charging time significantly.
- Designed for multiple use cases, experience high-power DC charging at 200-1000Vdc.

Integrated Cable Management:



- The integrated cable management system ensures vehicles can be reached easily and flexibly, keeping the parking area safe and unobstructed.

Modern and Powerful Presence:



- Equipped with a 13.3 inch HMI display and 21.5 inch 1080p high-definition display for advertising or additional functionality.
- Sleek and modern design, a stunning array of LED lights to indicate charging status and illuminate the charging station.

Easy Installation and Maintenance:



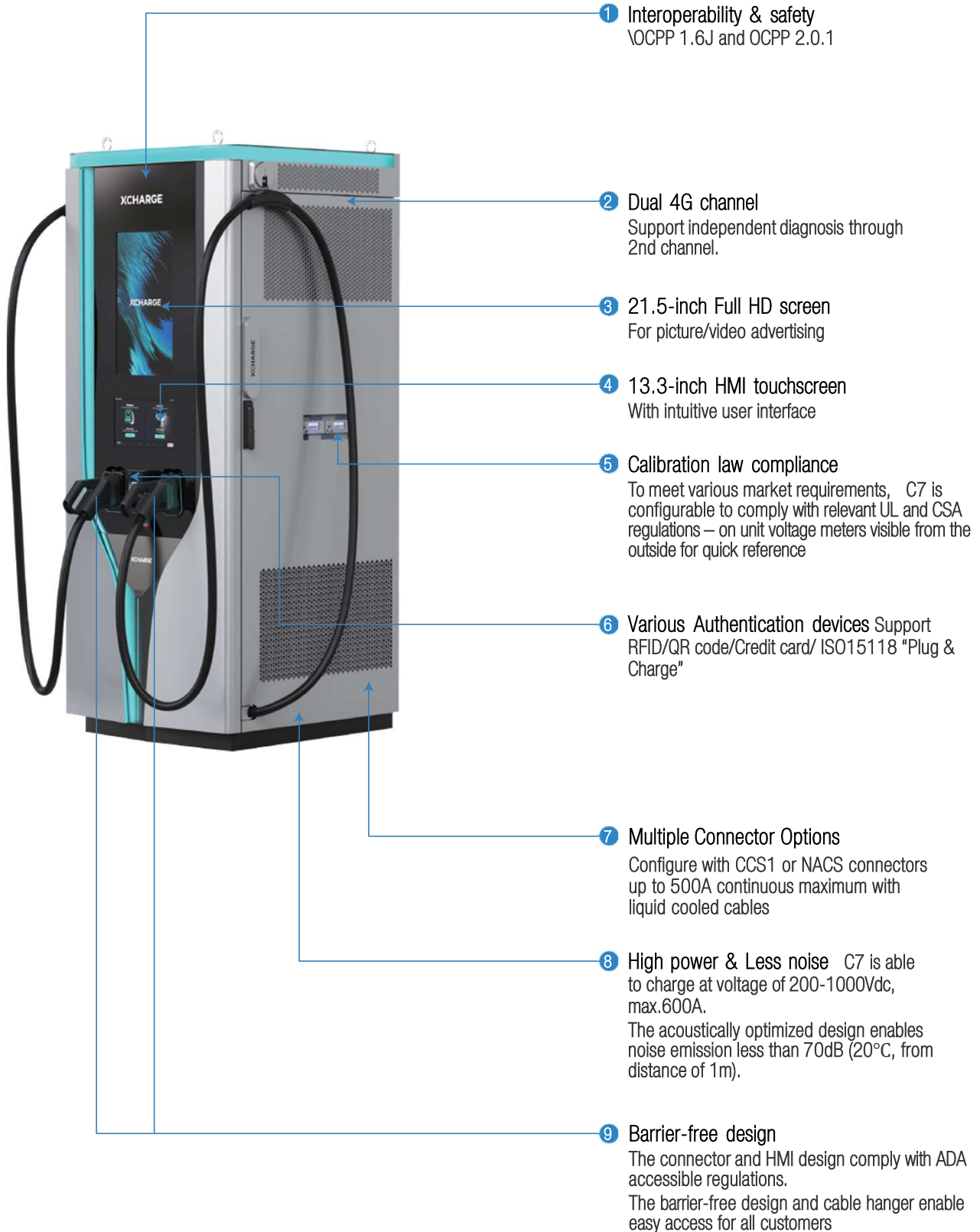
- With a compact size of 2.62 x 3 x 6.5ft, the C7 HyperX can be installed in a variety of locations. Native OCPP support and secure OTA updates ensure easy maintenance and upkeep.

Customizable Branding:



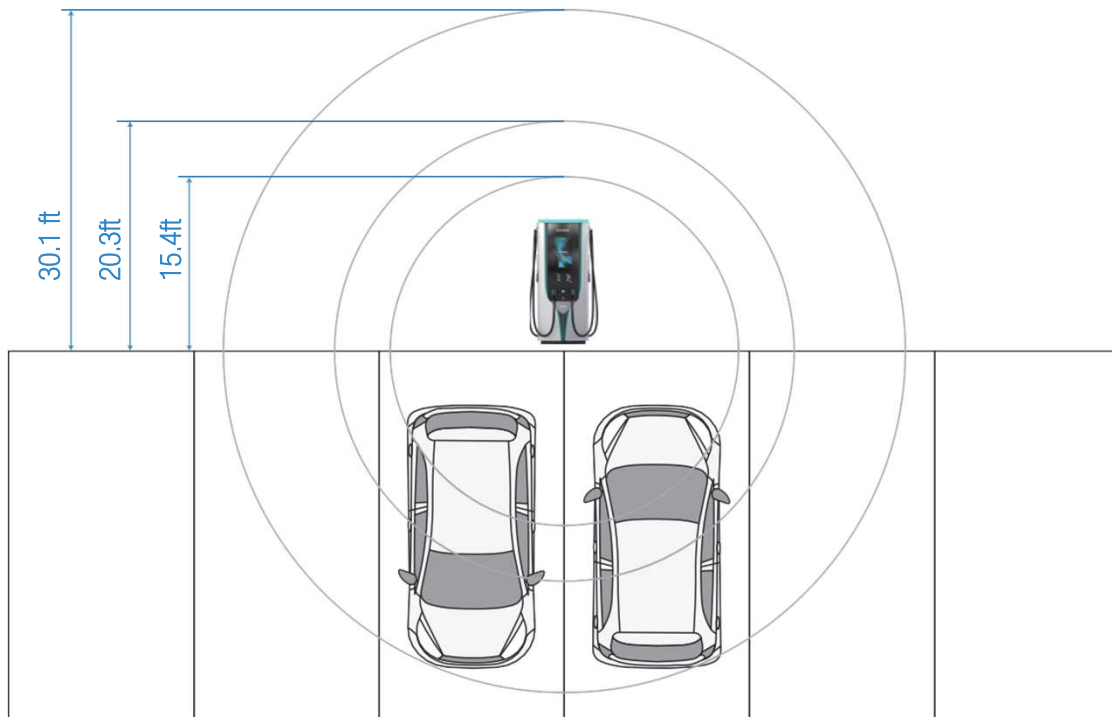
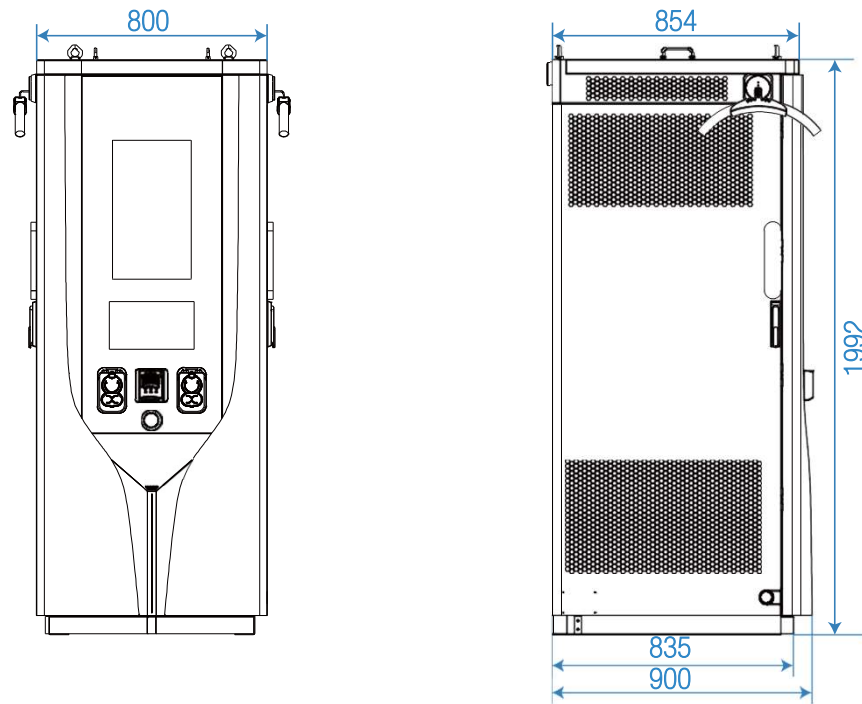
- Fully customizable branding options with logo and colors.
- Customization of LED lights available
- Fully OCPP 1.6, 2.0.1 compliant and customizable with preferred charging management system.

System Overview

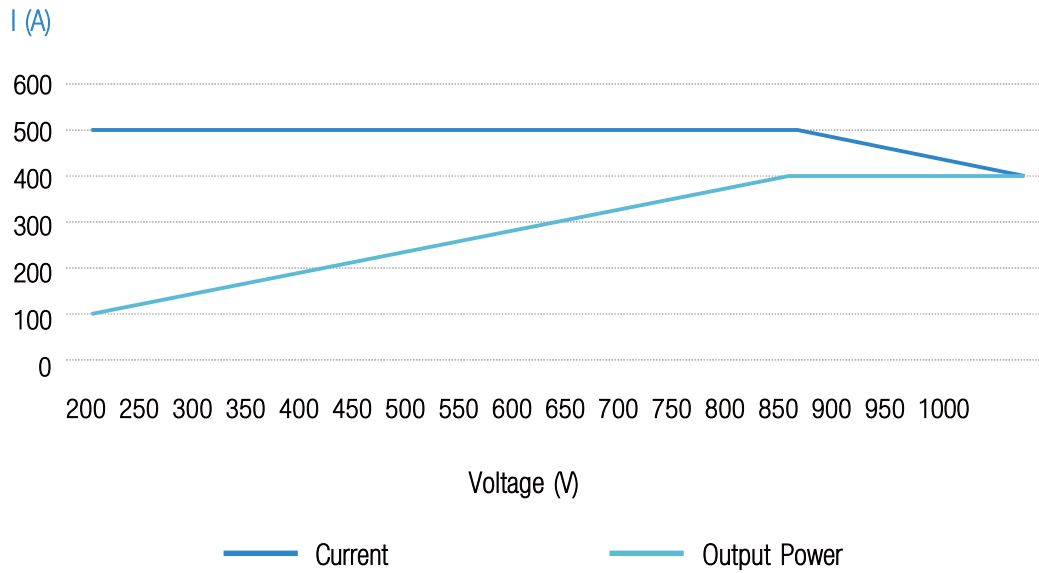


Technical Specification

Product Model		C7 HyperX	
General Features	Maximum power output	400kW	
	Authorization	RFID/QR code/Credit card/ISO15118 'Plug & Charge'	
	Dimensions	2.62 x 3 x 6.5ft (L X W X H)	
	Weight	Approx. 1,500lbs	
	Housing material	Industrial alloy with weatherproof coating	
	Installation	On ground, Indoor/ Outdoor	
	HMI & Plug operation height	85-105cm	
	Operation temperature	-31°F — 122°F	
	Noise	< 70dB at distance of 1m (configurable via preset silent mode from backend)	
	Humidity	≤ 95% Non condensing	
	Altitude	≤ 7000 feet	
	Electrical Features	RFID/NFC	ISO/IEC 144443A/B, 144443-4A/B, M1(S50/70) card
POS		Payter, Nayax, IDTech VP6800	
Network adapter		Cellular(3G/4G/LTE), Ethernet RJ-45	
HMI		13.3 inch 1920x1080 LCD Touch Screen	
Advertisement		21.5 inch 1920x1080 LCD Screen	
External control system		Modbus TCP Client supported	
OCPP protocol		OCPP 1.6J and OCPP2.0.1	
THD		< 5% (steerable via central control on site)	
Power efficiency		≥ 94%	
Metering		DC Meter (with PTB or LNE compliance) AC Meter (for input measurement)	
VAR value control		+0.9(inductive) ~ -0.9(capacitive) (optional)	
Input & Output		Input voltage	3P+N 480V ±15%
	Frequency	50Hz/60Hz	
	Connectors	CCS1/NACS (Liquid cooled cable)	CCS1/NACS (Air cooled cable)
	Max. output power	400kW	400kW
	Max. output current Continuously	500A	400A
	Output voltage range	200-1000V	200-1000V
	Power allocation	120-40-40-40-40-120kW (40kW step, 400kW in total for regular modules)	
	Cable length	18ft (5.5m)	
	Cable cooling	Liquid cooled / Air cooled	
Safety Security	Compliance	IEC 61851-1:2011, IEC 61851-23:2014, IEC 61851-24:2014, IEC 62196-3:2014, DIN 18040-3, ISO 15118, DIN 70121-2014, UL 2202	
	Safety protection	Over/Under voltage, Short circuit, Reverse connection, Grounding, Door switch, Smoke/Water ingress, Tilting.	
	Ingress protection	IP54	
	Impact resistance	IK10	
	Cyber security	TLS 1.3	



Output Power Curve



MORE INFORMATION:

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