

Introducing a Powerful DCFC Commercial Hyper Charger



Offices



Fleets



Lots

For any public-facing location

QCHARGE Hyper Charge

Q-DCFC-W-120

+ Powerful charging capability
with a modular expansion of 4 slots

- + Ideal solution for any commercial applications like Gas stations, EV stations, Rest areas, Truck stops, public parking, Airports, shopping malls, fleet operators, etc.
- + Unique and Sleek Design, User-friendly interface, Data management and metering options
- + SmartGrid Savings: Schedule your charging times when rates are lower.
- + Smart Network Connectivity: Intelligent Ethernet, Cellular, WLAN Switching.
- + Built-in safety measures, Galvanized cabinet, Flexible multi-protocol design, Durable enclosure
- + Easy configuration for any charging network. (OCPP 1.6J, OCPP 2.0.1), CCS protocol compatible, User Authentication via RFID or Mobile App.
- + Automatic recovery after a minor fault, remote management, smart charging, and smart load balancing support.

Available SKU# **Q-DCFC-W-120**



QCHARGE
Q C H A R G E 1 2 3 . C O M





Q-DCFC-W-120

Product Specifications

SPECIFICATION	MODEL	Q-DCFC-W-120
AC Nominal Input	Phase/Line	3 Phase + N + PE(G)
	Voltage	480V
	MOCP	200A
	Frequency	50Hz - 60Hz (+/- 10%)
DC Nominal Output	Voltage	150 -1000VDC
	Constant Power	120kW or 60kW*2
Electrical Parameters	Power Factor	≥0.95
	Unequal Current Ratio	≤5%
	Stable Voltage Accuracy	≤+/-0.5%
	Stable Current Accuracy	≤+/-1%
	Efficiency	≥95% (50%-100% load)
	Soft Start Time	3-8sec
	Aux Power	12V
Structure Design	Installation Method	Stand alone system
	Charging Outlet	Air Cooling 250A NACS + 250A CCS1
	Cable Length	15ft (standard)
	Inside Power Module	30kw*4
	Indicator	diode strip light
	LCD screen	10 inch Daylight readable touchscreen
	Emergency Stop Button	Yes
	Startup Mode	Phone App, POS,Plug-and-play/RFID card
	RFID	Yes
Communication	EN-GATE v.s.Charger	PLC (CCS)
	EN-GATE v.s.Backend	Ethernet/WIFI,4G
	Communication Protocol	OCPP 1.6 (JSON)(Ready for OCPP2.0.1), ISO15118
Environmental Index	Operation Temperature	-25 °C ~ 50°C
	Working Humidity	5%-95% without condenstation
	Working Altitude	<2000m
	Protection Grade	IP54
	Application Site	Indoor/Outdoor
	Cooling Method	Fan cooling
Security Protection	Multiple Protection	Over/Under voltage protection,overload protection, short circuit proteciton,over/under temperature protection,Surge protection ,Communication failure
	MTBF	100,000 hours
Certification	CE	2014/30/EU; EN 6100-6-3:2007/A1:2011/AC:2012, EN IEC 61000-3-2:2019, EN 61000-3-3:2013
	LVD	Directive 2014/35/EU: EN 60799:1998
	EC ROHS	Directive 2011/65/EU, ICE 62321:2008, IEC 62321:2013
	UL	UL2202, UL2231-1, UL2231-2, UL2594