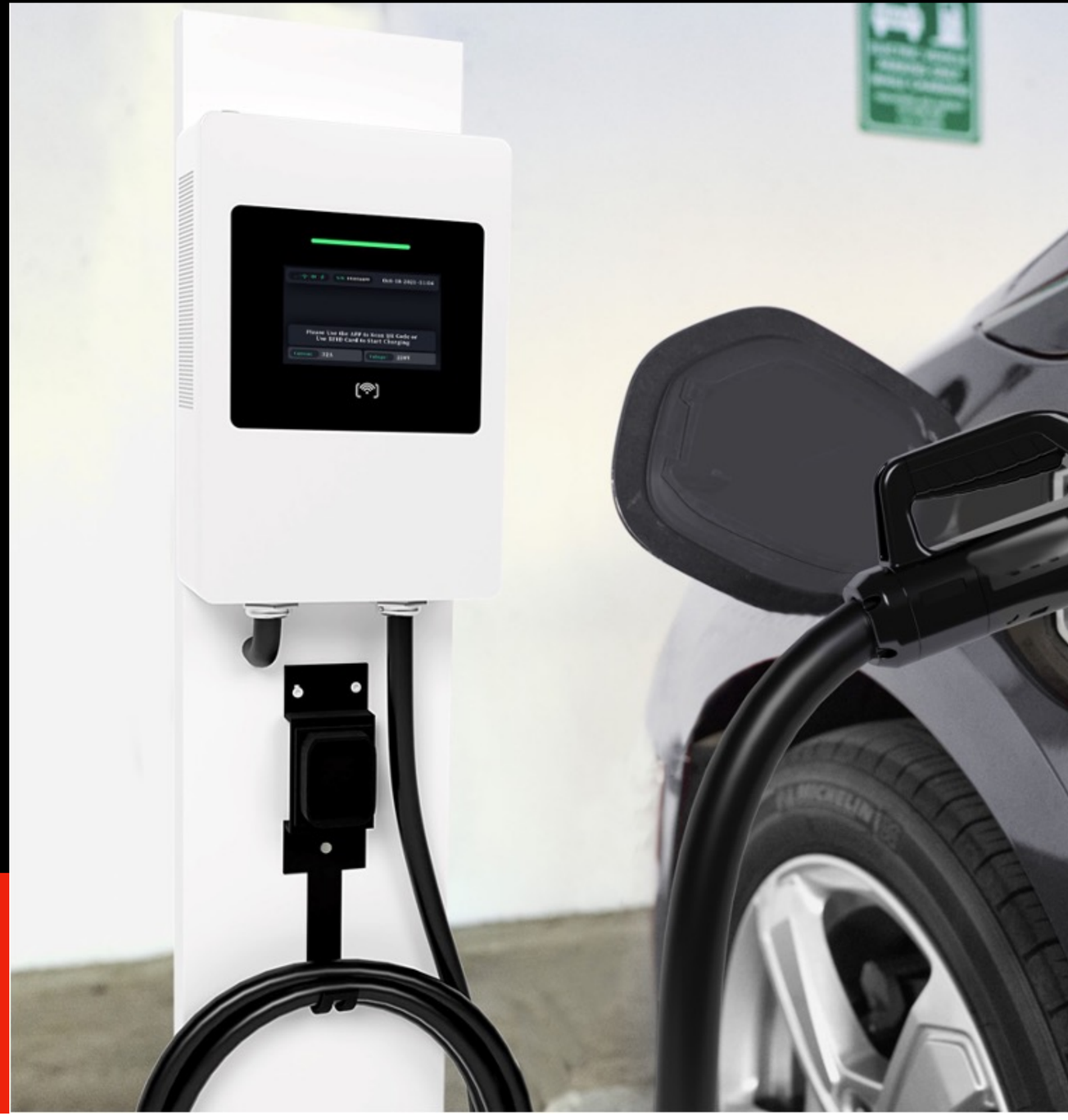
Introducing the compact DC charger.
AC-sized with DC power.

Offices Fleets Lots

QCharge Compact Charger



+ This innovative charger seamlessly integrates with your existing electrical system, without the need for costly upgrades.

+ Designed to operate efficiently on a 280V phase system instead of the typical 480V, it’s the most reliable and space-saving DC charger available on the market today.

+ Ideal solution for any commercial applications like Gas stations, EV stations, Rest areas, Truck stops, public parkings, 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.

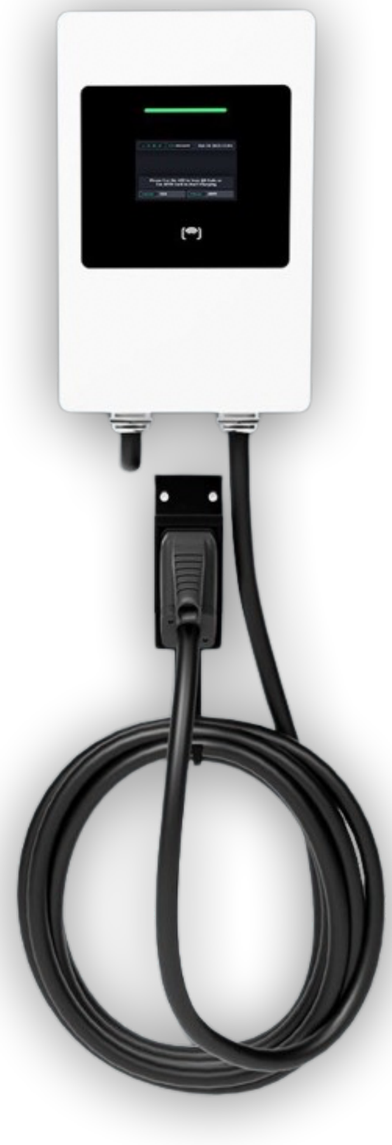
+ Smart Network Connectivity: Intelligent Ethernet, Cellular, WLAN Switching.

+ 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.

Q-DCFC-C-20/30/40



Available SKU#
Q-DCFC-C-20/30/40

OPEN CHARGE ALLIANCE
OPEN CHARGE POINT INTERFACE

QCHARGE
QCHARGE123.COM

QCHARGE

QCHARGE123.COM

Q-DCFC-C-20

Product Specifications

Specification	Items	Description
Power Input	Phase / Lines	3-Phase+PE
	Voltage	3P208/480VAC (±10%)
	Frequency	45 Hz - 65 Hz
Power Output	Charging Outlet	CCS1/NACS
	Voltage (DC)	200 ~ 1000 V
	Current (Max)	100A
	Power (Max)	18.8kW/20kW
Main Parameter	Cable Length	Standard : 18ft., option : 19.69 ~ 32.81ft
	Dimension (W x D x H)	410mm x 210mm x 620mm (16.14” x 8.27” x 24.4”)
	Weight	165.76 lbs
	Led Indicator	Yes
	HMI	7” Touch Screen
	Payment Mode	Standard : RFID Card, IC Card, Option : POS machine (debit/credit card, IC card)
	Efficiency	> 96%
	Power Factor	> 0.98 (20%~100% load)
	Harmonics	ITHD < 6%
	MCCB	Overload, short circuit, undervoltage protection and residual current protection
	Emergency Button	Yes
Communication	Charger v.s. EV	PLC (DIN 70121: 2012/ISO15118-2: 2013)
	Communication Protocol	OCPP1.6J / OCPP2.0.1
	Network Interface	Wifi / 3G / 4G (SIM card) / Ethernet
	Interface	CAN Bus / RS485
Environmental Index	Operation Temperature	-22°F~122°F, will derating from 131°F or above
	Working Humidity	0%-95% without condensation
	Working Altitude	<6000.68ft
	Protection Grade	IP34 / IK10 (except LCD Screen)
	Application Site	Indoor/Outdoor
	Cooling Method	Fan Cooling
	Noise	< 65dB
Security Protection	Multiple Protection	Over/Under Voltage protection, overload protection, short circuit protection, over/ under temperature protection, surge Protection, Communication Failure Protection
Certification		“CE Directive 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 with amendments: IEC 62321:2008, IEC 62321:2013, IEC 62321:2013 “UL for USA and Canada for EVSE equipment, 30kW power module and charging cables”