Introducing a Powerful DCFC Commercial Compact Charger

For any public-facing or private location

Offices Fleets Lots

QCHARGE Compact Charge

Q-DCFC-C-20/30/40

+ Powerful charging capability with compact solution…

+ Ideal solution for any commercial or residential applications like Gas stations, EV stations, Rest areas, Truck stops, public parking, Airports, shopping malls, fleet operators, commercial real estate, 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.

OPEN CHARGE ALLIANCE

OPEN CHARGE POINT INTERFACE

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

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Q-DCFC-C-20/30/40

Product Specifications

Model Name		Q-DCFC-C-20KW	Q-DCFC-C-30KW	Q-DCFC-C-40KW
Power Input	Phases/Lines	3 Phase+PE		
	Voltage	3P 208 / 480Vac(±10%)	480Vac(±10%)	
	Frequency	45-65Hz		
Power Output	Charging Outlet	CCS1 / NACS		
	Voltage(DC)	200~1000V		
	Current(Max)	100A	100A	125A
	Power(Max)	18.8kW/20kW	30kW	40kW
Main Parameter	Cable Length	Standard: 18ft; Option: 19.69~32.81ft		
	Dimension(W×D×H)	410mm × 210mm × 620mm(16.14" × 8.27" × 24.4")		
	Weight	165.76lbs		
	LED Indicator	Yes		
	HMI	7" Touch Screen		
	Payment Mode	Standard: RFID Card (IC Card); Option: POS machine (debit/ credit card, IC card)		
	Efficiency	> 95%		
	Power Factor	> 0.98(50%~100% load)		
	Harmonics	iTHD < 5%		
	MCCB	Overload, short circuit, undervoltage protection and residual current protection		
	Emergency Button	Yes		
Communication	Charger vs. EV	PLC(DIN 70121: 2012/ISO15118-2: 2013)		
	Communication Protocol	OCPP1.6 J / 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	5%~95% without condensation		
	Working Altitude	< 6561.68ft, No Derating		
	Protection Grade	IP54 / IK10(except LCD Screen)		
	Application Scene	Indoor / outdoor		
	Cooling Method	Independing Fan Cooling		
	Noise	< 55dB		
Safety Protection	Multiple Protection	Over/under voltage protection, overload protection, short circuit protection, over temperature protection, grounding protection, surge protection		

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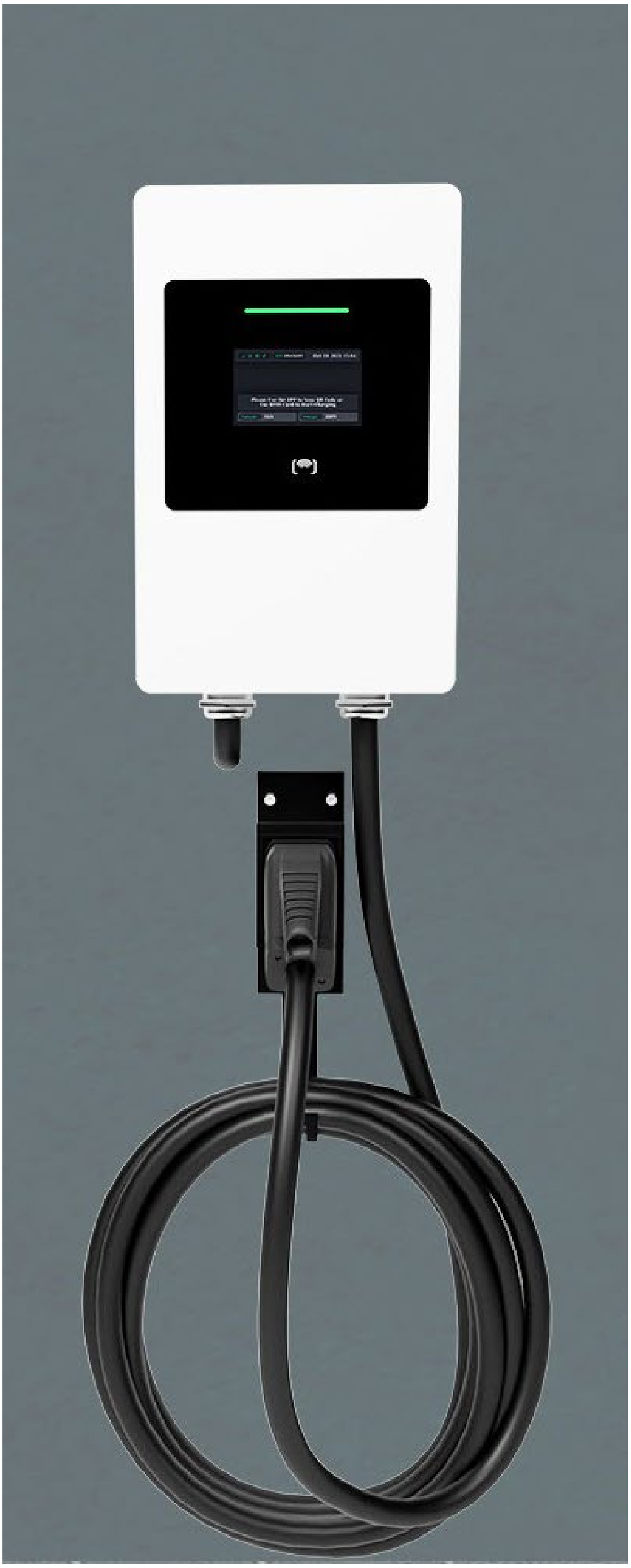
Q-DCFC-W-20/30/40

Product Specifications



- IP54 and IK10
- CCS / NACS
- ISO 15118 - 2
- 7” Touchscreen
- Power-sharing
- Wi-Fi / 3G / 4G optional
- Wall – Mounted or Pedestal
- Appearance customizable on low MOQ
- OCPP 1.6 k / 2.0.1 upgradable