

QCHARGE

DC SUPERCHARGER

Ideal Solution for Commercial Applications

- ✓ Gas Stations
- ✓ EV Stations
- ✓ Rest Areas
- ✓ Truck Stops
- ✓ Public Parkings
- ✓ Airports
- ✓ Shopping Malls
- ✓ Fleet Operators

+ Powerful charging capability with modular expansion of 8 slots.



+ 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.



All our models from **60KW**
to **360KW** can
accommodate built-in
marketing displays up to
55"





Q-DCFC-W-90

Product Specifications

Specification	Items	Description
AC Nominal Input	Phase / Lines	3-Phase+neutral+PE
	Voltage	380V (Range 280-480V)
	Frequency	50 Hz / 60 Hz (±10%)
DC Nominal Input	Voltage	150-1000 VDC
	Constant Power	90 KW
Electrical Parameter	Power Factor	0.99
	Unequal Current Ratio	±5%
	Stable Voltage Accuracy	±0.5%
	Stable Current Accuracy	±1%
	Efficiency	95% (50% - 100% Load)
	Soft Start Time	3-8s
	Auxiliary Power	12V
Structure Design	Installation Method	Stand
	Charging Outlet	250A CCS1/NACS
	Cable Length	5m (Standard)
	Inside Power Module	30kW*3
	Indicator	Diode strip light
	LCD Screen	10 inch TFT screen
	Emergency Stop Button	Yes
	Startup Mode	Plug-and-Play/APP
Communication	EN-GATE v.s. Charger	PLC (CCS)
	EN-GATE v.s. Backend	ETHERNET/WIFI/4G is optional
	Communication Protocol	OCPP 1.6
Environmental Index	Operation Temperature	-25 °C ~ 50 °C
	Working Humidity	5%-95% without condensation
	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 protection, over/under temperature protection, surge Protection, Communication Failure Protection
	MTBF	100,000 Hours
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”	