

Powerful.

blink  **KEMPOWER**

All-In-One Station Charger

DCFC EV Charging

The All-In-One Station Charger delivers fast, scalable power from 50kW to 400kW, making it a scalable and flexible solution. Its compact, durable design ensures reliable performance and simple installation, even in tight spaces.

SCALABLE • MODULAR • VERSATILE

The All-In-One Station Charger is a modular, high-performance DC solution available in single or double cabinet configuration, offering flexible power delivery from 50kW up to 400kW. It's compact, durable design includes intuitive features like ergonomic cable management, a 7" touchscreen and optional payment terminals. The system is compact, making it easy to install in tight spaces and scalable to meet growing charging demands.

Key Features:

- Modular DC fast charging with power output from 50kW to 400kW
- Dynamic power sharing across multiple charging outlets
- OCPP 1.6J and OCPP 2.0.1 complaint
- Compact, space efficient cabinet design for tight installation areas
- 7" touchscreen interface for easy user interaction and real-time status updates
- Ergonomic cable management with 4-7m spring-supported cables
- Optional integrated payment terminal
- Weather-resistant and durable enclosure suitable for outdoor environments
- Scalable architecture to expand as demand grows



*Tesla adapter required
Product Codes:

BlinkCharging.com • (888) 998.2546

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DCFC EV Charging Technical Specifications

GENERAL ELECTRICAL SPECIFICATION	
Number of ports	One or Two*
Max charging current per port	Up to 300 A**
Max power output per port	Up to 240 kW
Power output	50 - 400 kW**
Input voltage	480 VAC $\pm 6\%$
Input circuit breaker rating	400 A
Network type	TN-S, TN-C, TN-C-S
Input frequency	50-60 Hz
Overvoltage category	III (IEC 60664-1)
Icc	35 kA
Power factor at full load	0.92
Output voltage	150-920 VDC
Efficiency at full load	94%
Idle power	20 VA
Standby power	C501: 50 W, C502: 180 W
ENVIRONMENTAL SPECIFICATION	
Operating temperature	30 – +50 °C
Current derating***	Charging current decreases 1.5% for every 1 °C rise in temperature above +40 °C
Maximum altitude without derating	2000 m
Altitude derating	Charging current decreases 1.4% for every 100 m rise above 2000 m
Operational noise level	Wall side: < 57 dB at 3.3 ft./1 m distance Door side: < 62 dB at 3.3 ft./1 m distance
Storage temperature	-40 – +60 °C
Ambient air humidity	< 95% relative humidity
Enclosure rating	Suitable for outdoor use
CONNECTORS, PROTOCOLS AND USER INTERACTION SPECIFICATION	
Connectors	CCS, NACS, CHAdeMO
WiFi	802.11 b/g/n (2.4/5 GHz)
Cellular/GPS	LTE-FDD, LTE-TDD, WCDMA, GSM
Ethernet	RJ45, IEEE 802.3/802.3u
OCPP	1.6J/2.0.1
Authentication/Payment	RFID: ISO 14443A, ISO 15693, ISO 14443B (STM SRI512) Customer backend via OCPP Payment terminal, AutoCharge ISO 15118-2 Plug & Charge