

# Integrated DC Fast Charger

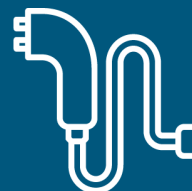
Specification Sheet

The EvoCharge Integrated DC Fast Charger is an all-in-one charging solution with scalability and dynamic power management.

- Power Station and Power Cabinet combined into one
- Up to 400kW charging power capacity with up to 280kW of charging power per charge port
- Connect up to 4 charge ports to each unit depending on product configuration
- Spring support cable management system as standard
- 7" touch screen display
- RFID reader (ISO 14443A)
- Charging status indicator LEDs
- IP54 enclosure operates between -22°F and 122°F (-30°C and 50°C)
- Payter payment terminal option available
- Lockable doors



Up to  
**400kW**  
of charge power



**1-2**  
charging outputs

## Electrical

Connector Type	CCS1 and CHAdeMO options
Voltage	Max. 1000 VDC
Standby power	Single cabinet: 50W Double cabinet: 180W

## Environmental Specifications

Operating temperature	-22° to 122°F (-30 to 50°C)
Current derating	Maximum charging current decreases 2% for every 1 °C/1.8 °F rise in temperature above +25°C/77°F
Maximum altitude	6562 ft (without altitude derating)
Altitude derating	Maximum charging current decreases 1.4% for every 328 ft. rise above 6562 ft.
Storage temperature	-40°F to 140°F (-40 to 60°C)
Enclosure	IP54, IK10
Ambient air humidity	< 95% relative humidity

## Safety and Compliance to Standards

ETL Listed

IEC 61851-1  
IEC 61851-23  
IEC 61851-21-2  
IEC 62196-3

UL 2202  
UL 2231-1  
UL 2231-2

CSA Std. c22.2 No. 281.2  
CSA Std. c22.2 No. 107.1

EMC Class A FCC Part 15

Charging cable temperature monitoring

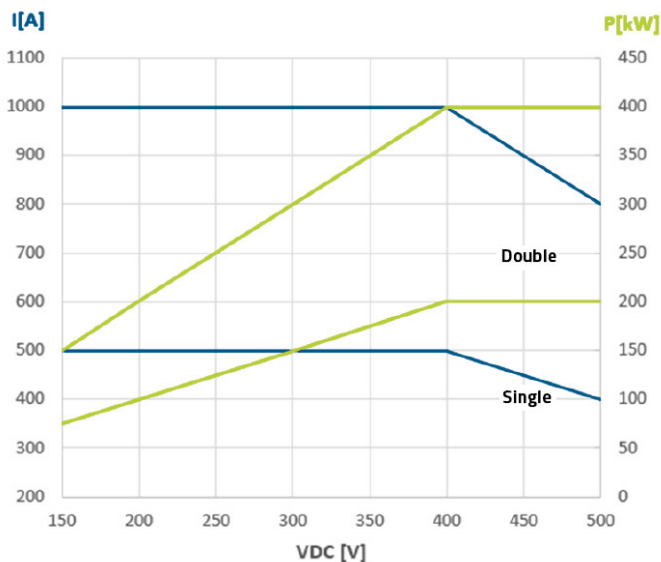
## Connections & Protocols

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

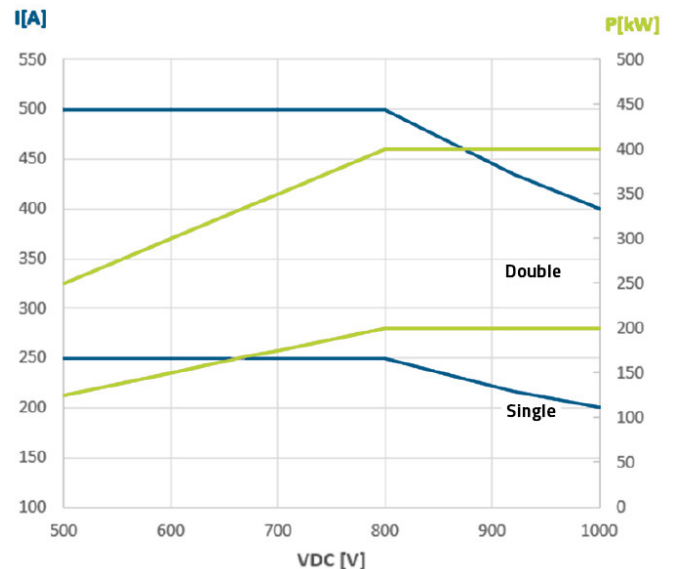
Cabinet Type	Number of Power Modules	Number of Independent AC Supply Cables*	Charging Power	Input Current Per Supply Cable at 400V	Input Current Per Supply Cable at 400V
Single	1	1	50kW	91A	76A
	2	1	100kW	181A	151A
	3	1	150kW	272A	227A
	4	1	200kW	362A	302A
Double	5	2	250kW	91A	76A
	6	2	300kW	181A	151A
	7	2	350kW	272A	227A
	8	2	400kW	362A	302A

\* Each cabinet has a dedicated supply cable.

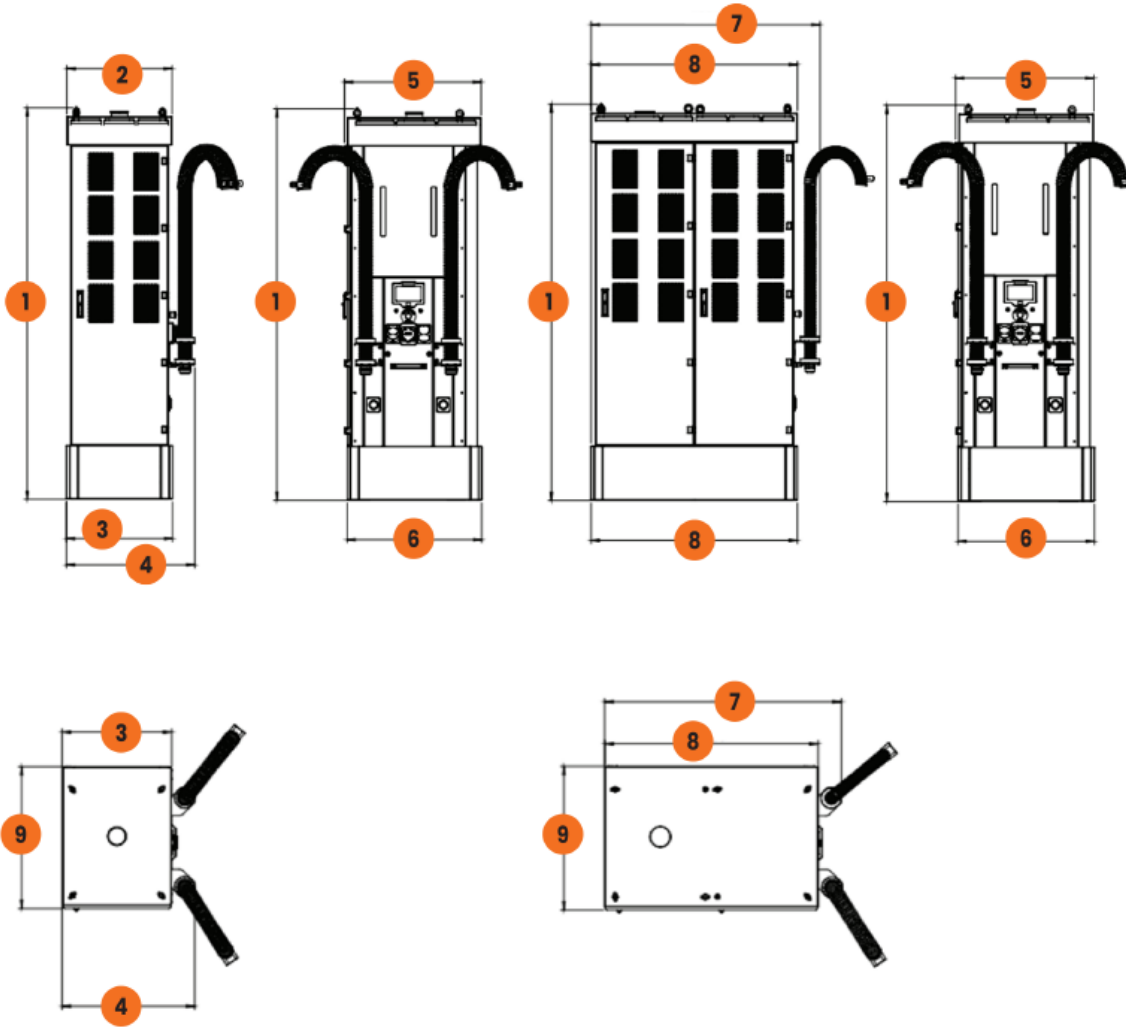
### Power Curve 150-500 VDC



### Power Curve 500-1000 VDC



# Mechanical Dimensions



- 1: 94.3 in
- 2: 25.4 in
- 3: 25.6 in
- 4: 31 in
- 5: 33 in
- 6: 32.5 in
- 7: 54.6 in
- 8: 49.2 in
- 9: 33.1 in