



FlexiDC100
FlexiDC200

 CHARGING

FLEXIDC

100/200kW

DC Quick Charger

The FlexiDC100/200 is a quick charge station able to charge all compatible electric vehicles. Users only need to plug the charging connect to the vehicle and the FlexiDC100/200 will immediately start the charging process.

Overview

- Safe and intuitive to use
- Emergency stop button
- 15 inch touch display
- Dynamic remote power control via modbus TCP

Main Features

- Multi-standards all in one station
- Stand alone or network integrated charger
- Local or remote monitoring and control
- DC power up to 100~200kW
- AC power up to 44 kW
- High power factor 0.99

Dimension



Specification

		FLEXIDC 100	FLEXIDC 200	
AC INPUT	Input Rating	400 Vac ± 15%, 480 Vac ± 15%		
	AC Input Connection	3P+N+PE (Wye configuration)		
	Max. Input Power	Single DC plug:	130kVA	250kVA
		AC	43kVA (optional)	
		AC+DC serve at same time:	43kVA+130/250kVA = 173/293kVA	
	Frequency	50/ 60Hz		
Power Factor	>0.99 (APFC)			
Efficiency	>95% at nominal output power			
DC OUTPUT	Output Voltage Range	200-750Vdc CHAdeMO, CCS, GB/T		
	Max. Output Current	Single Plug: 200A/400A@500V, 133A/266A@750V, 100A/200A@1000V		
	Max. Output Power	100kW	200kW	
	Voltage Accuracy	± 1%		
	Current Accuracy	± 1%		
USER INTERFACE	Display	15" TFT-LCD touchable screen (Android or Win CE)		
	Emergency Stop Control	Press emergency stop button isolation between input and output Manual release switch		
	User Authentication	RFID		
	Display Information	Charging process and status/ Alarm and warning messages		
COMMUNICATION	External	3/4G, WiFi and Ethernet		
	Internal	CANBus/ RS485/ RS232		
OUTLINE	L x W x H mm	1720 x 960 x 646		
PROTOCOL AND STANDARD	-	CHAdeMO 2.0/DIN 70121/ISO15118/IEC61851-21, IEC61851-23		
ELECTRICAL ISOLATION	-	Isolation between input and output		
COOLING	-	Forced Air		
INPUT PROTECTION	-	OVP, OCP, OPP, OTP, UVP, residual current detection, surge protect, cabinet-open detection		
OUTPUT PROTECTION	-	Short circuit protection, OCP, OVP, LVP, OTP, residual current detection		
NOISE	-	55dB		
PROTECTION	-	IP54		
NET WEIGHT	-	258kg	325kg	