SIRIUS 3 (150 KW)

Features

The Sirius 3 is a quick charging station able to charge all type of electric vehicles. Users only need to plug the charging connect to the vehicle and the Sirius 3 will immediately start the charging process.

- Multiple output - CCS1 or 2,CHAdeMO,GB/T,AC type1 or 2
- Fast-charge any CCS,CHAdeMO,GB/T vehicle
- 0 to 80% in less than 0.3 hour
- Safe and intuitive to use
- Stationary IK10, IP54
- Emergency stop button
- Optional network integration (OCPP 1.6 JSON)
- Optional built-in communications (4G; LAN; Wi-Fi)
- Optional RFID reader
- 7~15 inch touch display
- Dynamic remote power control via modbus TCP

Application

- EV fleets (private and public)
- EV dealers and service providers
- Employee parking lots
- Car-share, Taxi and Rent-a-Car fleets
- Shopping Centers
- Private EV Infrastructure and operators

Main features

- Multi-standards all in one station
- Stand alone or network integrated charger
- Local or remote monitoring and control
- DC power up to 150 kW
- AC power up to 44 kW
- High power factor 0.99

Combo2 — CCS

CHAdeMO — CHAdeMO

Type2 — AC ∼

Certification

Specification

Category	150kW		
Model Name	Multi -Sandards DC Quick Charger		
AC Input	Input Rating	400 Vac ± 15%, 480 Vac ± 15%	
	AC Input Connection	3P+N+PE (Wye configuration)	
	Max. Input Power	Single DC plug: 200kVA	
		AC 43kVA (optional)	
		AC+DC serve at same time: 43kVA+150/200kVA=193/243kVA	
	Frequency	50 / 60 Hz	
	Power Factor	>0.99 (APFC)	
	Efficiency	>95% at nominal output power	
DC Output	Output Voltage Range	50~500Vdc (CHAdeMO) , 150~750Vdc (CCS) , 48~1000Vdc (GB/T)	
	Max. Output Current	Single Plug : 240A/300A@500V, 160A/200A@750V, 120A/150A@1000V	
	Max. Output Power	150kW	
	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	LxWxH mm	1650X960X551.5	
Standby DC Source		120W X 4	
Electrical Isolation		Isolation between input and output	
Cooling		Forced Air	
Input Protection		OVP,OCP,OPP,OTP,UVP,residual current detection, surge protect, cabinet-open deterction	
Output Protection		short circuit protection, OCP, OVP,LVP,OTP,residual current detection	
Noise		55 dB	
IP		54	
Net weight		280 kg	