

MaxiBoost

Ultra-fast DC Charger

MaxiBoost is a barrier free, configurable, double outlet DC charger, which is suitable for easy access public parking environment. It consists of HMI touch screen, power module, charger control unit, HPC DC charging cable.

With compliance with OCPP 1.6J, MaxiBoost can be configured/diagnosed remotely through internet connection via 4G/LTE/Ethernet.

It's a perfect choice for operators focusing on reducing charging times in high-demand areas and generating additional revenue through advertising.



Barrier-free Design

The barrier-free design makes it user-friendly and easily accessible to everyone, including wheelchair users.



High Power Output

MaxiBoost is capable of delivering up to 400 kW power at max 600A, shortening charging time significantly.



Modern and Powerful Presence

MaxiBoost has not only an HMI display with simple and intuitive user interface, but also a large screen for additional advertising. Equipped with robust housing and moving LED lights, it looks modern and distinctive.



Easy Installation and Maintenance

With a compact size of 800x900x1992mm, it is flexible to install in a variety of charging locations. Native support to OCPP and secure OTA updates ensure easy maintenance.



Integrated Cable Management

The integrated cable management system ensures that various types of vehicles can be reached easily and flexibly, keeping the carpark safe and neat.



Customizable Branding

Easy branding and color customization helps your brand stand out.



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Basic Parameter

General Features	Maximum Power Output	400kW		
	Authorization	RFID/QR code/Credit card/ISO15118 'Plug & Charge'		
	Dimensions	800x900x1992mm		
	Weight	Approx. 680kg		
	Housing Material	Industrial alloy with weatherproof coating		
	Installation	On ground, Indoor/ Outdoor		
	HMI & Plug Operation Height	85-105cm		
	Operation Temperature	-35°C – 50°C		
	Noise	<70dB at distance of 1m (steerable via preset silence mode sent by backend)		
	Humidity	≤ 95% No condensing		
	Altitude	≤ 2000m		
	Electrical Features	RFID/NFC	ISO/IEC 14443A/B, 14443-4A/B, M1(S50/70) card	
Network Adapter		Cellular (3G/4G/LTE), Ethernet RJ-45		
HMI		13.3 inch 1920x1080 LCD Touch Screen		
Advertisement		21.5 inch 1920x1080 LCD Screen		
External Control System		Modbus TCP Client supported		
OCPP Protocol		OCPP 1.6J/ OCPP2.0.1 (option available from 2024)		
THD		< 5% (steerable via central control on site)		
Power Efficiency		≥ 94%		
Metering		DC Meter (with PTB or LNE compliance) AC Meter (for input measurement)		
VAR Value Control		+0.9(inductive) ~ -0.9(capacitive) (optional)		
Input & Output		Input Voltage	3P+N 400V ±15%	
		Frequency	50Hz/60Hz	
	Connectors	CCS2 (Liquid cooled cable)	CCS2 (Air cooled cable)	
		240kW@400V	200kW@400V	
	Max. Output Power	360kW@600V	300kW@600V	
		400kW@700V	400kW@800V	
	Max. Output Current Peak Value	600A	500A	
	Max. Output Current Continuously	500A	250A	
	Output Voltage Range	200-1000V	200-1000V	
	Power Allocation	120-40-40-40-120kW (40kW step, 400kW in total)		
Cable Length	5.5m			
Cable Cooling	Liquid cooling			
Safety & Security	Compliance	IEC 61851-1:2011, IEC 61851-23:2014, IEC 61851-24:2014, IEC 62196-3:2014, DIN 18040-3, ISO 15118, DIN 70121-2014		
	Safety Protection	Over/Under voltage, Short circuit, Reverse connection, Grounding, Door switch, Smoke/Water ingress, Tilting.		
	Ingress Protection	IP54		
	Impact Resistance	IK10		
	Cyber Security	TLS 1.3		