

CITA Smart 120 DC



Super-Fast Commercial Charging Solution

CITA Smart 120 DC is a fast, efficient and reliable charger meeting the highest standards for new electric vehicle charging. Its modular design allows you to charge up to three electric vehicles simultaneously up to 120kW output. It comes with dual or triple charging connectors, including one AC connector: Type 2, up to 43kW, and Two DC connectors: CCS1/CCS2 and CHAdeMO up to 120kW. (Connector requirements need to be specified upon placing the order)

It connects intelligently with Ethernet/4G/Wi-Fi. It can be operated with a commercial mobile application supporting Apple Pay, Google Pay and other leading Credit Card payment methods. You can also command it with RFID authentication. It also comes with a MID certified AC meter and PTB certified DC meter. CITA Smart 120 DC comes with one year warranty.



Efficient Charging



Up to 120kW Power Range



Up to Two DC CCS2/CHAdeMO & One AC Type 2 connector for simultaneously charging



CITA Smart EV App Operation via WiFi/4G/Ethernet



Backlight Advertising Space



RFID Card and Mobile Payments



1-year warranty



AC Nominal Input

Phases/Lines	3 phase + natural+ PE
Rated Voltage	400V±10% AC
PF	>0.99
Frequency	50/60Hz

AC Nominal Output

Output Voltage	400~1000V DC
Maximum Current	300A
Rated Power	120kW

General Specifications

Structure Design

Charge Connector	DC 1 x CCS2 and 1 x CHAdeMO (alternatively 2 x CCS2) Optional: AC Type 2 socket
Cable Length	5M
Enclosure	Galvanized steel
LED Indicator	Green/Yellow/Red
LCD Display	10" color touch screen
RFID Reader	Mifare ISO/IEC 14443 A
Start Mode	Plug&Play/RFID card/Mobile App
Emergency Stop	Yes
Advertising Display	Optional

Environmental Index

Operating Temperature	-30°C - +55°C
Working Humidity	5%~95% without condensation
Working Altitude	<2000M
Protection Grade	IP54, IK10
Installation	Floor-stand
Cooling Method	Fan cooling
Noise	≤55dB

Package Information

Product Dimension	900*525*2000mm (W*D*H)
Package Dimension	1200*745*2200mm (L*W*H)
Net Weight	240kg
Gross Weight	280kg

Electrical Parameter

Efficiency	≥95%
Power Factor	≥0.99 @ 50%~100% loading
THD	≤5% @ 50%~100% loading
Ripple Factor	≤±0.5%

Security Protection

Energy Meter	PTB certified
RCD	Type A
Ingress Protection	IP54, Optional upgrade to IP65
Impact Protection	IK10
Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection
Certification	CE
Certification Standard	EN61851, EN62196, DIN70121, ISO15118
Warranty	1 year

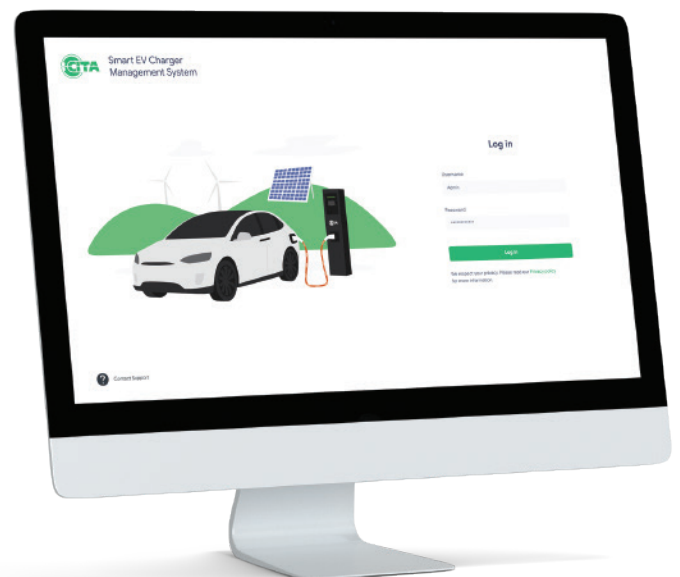
Communication

Network Gateway	Ethernet/WIFI/4G communication
Communication Protocol	OCPP 1.6 JSON (OCPP 2.0 optional)

CITA Smart EV Charger Management System

CITA charger management system software lets you track, manage and optimize CITA Smart commercial chargers from wherever and whenever you please.

- Easy & Smart Management
- Analytics of your Business Growth
- Simple Invoicing System
- Scale your charging network easily
- Distribute available power with Dynamic Load Balancing and much more



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