

CITA Smart 180 DC

Super-Fast Commercial Charging Solution



CITA Smart 180 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 two electric vehicles simultaneously up to 180kW output. It comes with dual or four charging connectors, including two AC connector: Type 2, up to 22kW, and Two DC connectors: CCS1/CCS2 and CHAdeMO up to 60kW. (Connector requirements need to be specified upon placing the order)

It connects intelligently with Ethernet/4G SIM. 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 60 DC comes with two years warranty.



**Efficient Charging
with Load Balancing**



**Up to 180kW DC &
2 x 22kW AC (optional)**



**Up to Two DC Guns CCS2/CHAdeM
/GB/T & Two AC Type 2 Socket (optional)
for simultaneously charging**



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



**42" Commercial Advertising
Display with RMS**



RFID Card and POS Payments



2 year warranty



Electrical Specifications



AC Nominal Input

Phases/Lines	3 phase + neutral+ PE
Rated Voltage	400V±%10 AC
Rated Current	150A
PF	>0.99
Frequency	60/50Hz

DC Nominal Output

Output Voltage	1000~400V DC
Maximum Current	200A Max
Rated Power	60kW

General Specifications

Structure Design

Charge Connector	DC 1 x CCS2 and 1 x CHAdeMO (alternatively 2 x CCS2) Optional: 2 X 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	42 inch Commercial Advertising Display (Optional)

Environmental Index

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

Package Information

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

Electrical Parameter

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

Security Protection

Energy Meter	PTB certified
RCD	Type A
Ingress Protection	IP54
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	UKCA, CE
Certification Standard	EN61851, EN62196, DIN70121, ISO15118
Warranty	2 years

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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