

CITA Smart 240 DC



Super-Fast Commercial Charging Solution

CITA Smart 240 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 240kW output. It comes with dual charging connectors, including Two DC connectors: CCS2 up to 240kW.

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 PTB certified DC meter. CITA Smart 240 DC comes with two years warranty.



Efficient Charging



Up to 240 kW Power Range



Comply with CCS2 Charging Socket



Smart App Operation via WiFi/4G/Ethernet



RFID Card and Contactless Payments



2-year warranty



Electrical Specifications



AC Nominal Input

| | |
|---------------|--------------------|
| Voltage Range | 304~456VAC |
| Rated Voltage | 400VAC±20% 3P+N+PE |
| PF | >0.99 |
| Frequency | 50/60Hz |

AC Nominal Output

| | |
|-----------------|---|
| Output Voltage | 150-1000VDC (Constant Power on 300-500VDC, 600-1000VDC) |
| Maximum Current | 250A (each output) |
| Rated Power | 240kW |
| Working Mode | 2 DC Plugs could be used simultaneously: 0kW+200kW/200Amax, 120kW/200Amax+120kW/200Amax, 200kW/200Amax+0kW. |

General Specifications

Structure Design

| | |
|------------------|--------------------------------|
| Charge Connector | CCS2 |
| Cable Length | 5M |
| Enclosure | Galvanized steel |
| LED Indicator | Green/Yellow/Red |
| LCD Display | 10" LCD touch screen |
| RFID Reader | Mifare ISO/IEC 14443 A |
| Start Mode | Plug&Play/RFID card/Mobile App |
| Emergency Stop | Yes |

Environmental Index

| | |
|-----------------------|---|
| Operating Temperature | -20°C-60°C(-20°C ~ -35°C, heating required) |
| Working Humidity | ≤ 95%, non-condensing |
| Working Altitude | <2000M |
| Protection Grade | IP54, IK10 |
| Installation | Floor-stand |
| Cooling Method | Fan cooling |
| Noise | ≤55dB |

Package Information

| | |
|-------------------|--|
| Product Dimension | 730x750x1800 mm (W*D*H) excluding plug and cable |
|-------------------|--|

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/Conformity | CE |
| Certification Standard | IEC EN61851, EN62196, DIN70121, ISO15118 |
| Warranty | 2 years |

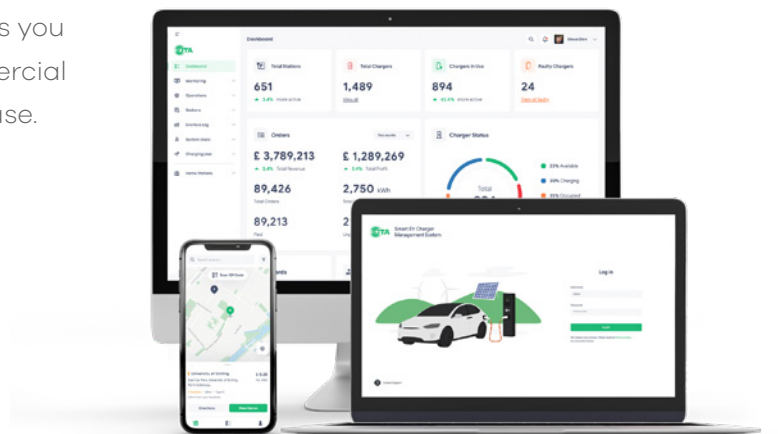
Communication

| | |
|------------------------|---|
| Network Gateway | Ethernet/WiFi/4G communication |
| Communication Protocol | OCPP 1.6 JSON (OCPP 2.0 optional upgrade) |

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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