QUDEOX

Chargecore COREmini
Electric Vehicle Fast Charging Station

80kW

Efficient and reliable

ISO15118/DIN70121 charging protocol standards

Dynamic Load Balancing (DLB) function

Fixed and secure installation on a concrete foundation

User friendly

10.1-inch QT colour display

Control via web and mobile application

RFID control and POS machine payment (OPT)

Economical and profitable

Wide variety of uses: companies, public institutions, shopping centers, public transportation, etc.

Energy independence and cost-effectiveness for business use

| POWERING A SUSTAINABLE WORLD |

Technical Data	COREmini-C240C240
Power performance	
Input voltage	400VAC±10%, 50/60Hz, 3Phase+N+PE
Input rating	84kW
Input current	128A
Output voltage	150~1000VDC
Output rating	80kW
Output current	200A+200A
Stand-by power	<50W/Outlet
Charging outlets	DC: Double Outlets (CCS2+CCS2,CCS2+CHAdeMO) Bottom Inlet Wiring, Up Outlet Wiring DC: Single Outlets (CCS2) Bottom Inlet Wiring, Up Outlet Wiring
Efficiency	≥95.5%
Power factor	≥0.99
Protection	Over/Under Voltage Protection, Overload Protection, Short Circuit Protection, Current leakage Protection, Lightening Surge Protection, Over Temperature Protection, Communication Interference Interruption Protection and Reset, Dumping Protection, Soaking Protection, Smoke Alarm
Earth leakage protection	Type A 30mA
Special protection	Anti-UV Protection
Measuring accuracy	Class 1.0
User interface	
Connectivity	Ethernet, WIFI, 4G
User authentification	APP or RFID Card
User interface	10.1 Inch QT Screen / Emergency Stop Button / LED Indicator
Platform protocol	OCPP 1.6J and can be upgraded to OCPP 2.0
Software update	OCPP
General data	
IP&IK	IP55/IK10 (Screen IK08)
Maximum operating altitude	2000m
Operating temperature	-30℃~+50℃ (derating above 50℃)
Operating relative humidity	5%~95% (no condensation)
Cooling	Forced-air cooling
Mounting	Floor stand
Cable length	≥5 m
Shell material	Sheet metal
Weight	≤200 kg
Dimensions (WxDxH)	720x400x1650 mm
Certifications and standards	
Charging standards	IEC61851-1, IEC61851-21-2, IEC61851-23, IEC61851-24
Communication protocol standards	ISO15118-1-2013, ISO15118-2-2014, ISO 15118-3:2015, DIN 70121-2014