



SmartGreen

DC Charger - EU

STI 150

CAO-015022-P00



CCS2



The products are suited for rapid charging needs and applied in different kind of commercial or industrial scenario.

It can fast charge EV car by directly charging to the batteries with high efficiency and high current.

We provide all-in-one and split type charger for different charging needs.

Product **HIGHLIGHT**



Support connect to any backend based on OCPP 1.6J protocol and remote control and monitor.



User-friendly touch interface and cable management system for ADA Standards.



Support up to 150kW of power in small area and wide output voltage range from 150 to 1000Vdc.



DC Charger

Series	STI 180	STI 150	STI 120
Model Name	CAO-018022-P00	CAO-015022-P00	CAO-012022-P00
Power input			
Input Current	AC 276A	AC 230A	AC 184A
Input Voltage	400Vac±15%, 50/60 Hz		
Power Factor	≥0.99 @ Full Load		
Efficiency	95%		
Wire connection	L1+L2+L3+N+PE, three-phase (No neutral line for IT system)		
Power Output			
Output Interface	CCS2+CCS2		
Output Power	180 kW	150 kW	120 kW
Output Voltage	150Vdc to 1000Vdc		
Output Current	CCS2: 300A max / plug		
User Interface			
Status Indication / Display	LED indicator and 10.4-inch LCD touch screen		
Button and Switch	Emergency button		
User Authentication	Free charge mode / RFID card mode / APP QR code mode		
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693		
Interface / Communication			
Interface	4G, Wi-Fi, RFID, Ethernet		
Protocol (EVSE&Backend)	OCPP 1.6J		
Protocol (EVSE&EV)	DIN70121, ISO 15118		
General Parameter			
Operating Temperature	-30°C to 50°C		
Humidity	5% to 95% RH, no condensation		
Altitude	≤2000m		
Mechanical			
Enclosure Protection	IP55 / IK10 (screen IK08)		
Cooling	Forced Air		
Cable length	5m		
Dimensions (W x H x D)	800 x 2235 x 750 mm (with cable management system)		
Weight	Approx. 562kg	Approx. 547kg	Approx. 532kg
Installation	Ground - mounting		
Compliance			
Standards	Safety: IEC 61851-1, IEC 61851-23/-24 EMC: IEC 61851-21-2, IEC 61000-6-2/-4		
Certification	CE, CB, RED, NBTC, PTEC, PEA		

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TOUCH



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