

EV Charger		
Electrical Specification	Charging Mode	CCS2
	Maximum Power	Up to 480kW
	Max. Output Power of Single Port	Liquid Cooling: 480KW Air Cooling: 320kW
	Output Voltage	150-950V
	Output Current	Liquid Cooling: 500A (Max. 650A) Air Cooling: 380A (Max. 500A)
	Number of Outputs	2 x CCS2
	Peak Efficiency	96.5%
	Earthing System	3P+N+PE
	Input Voltage	3-phase 400V AC ±15% (2 Routes)
	Input Frequency	50Hz
	Power Factor	≥0.99
	Harmonic Distortion (THDi)	≤3%
	Minimum Adjustable Power	40KW
	Idle Power	50W
Mechanical Specifications	Enclosure Rating	IP54, IK10
	Dimensions (H×W×D)	2150*782*782mm
	Power Per Cubic Meter	366.41kW / m3
Environmental Requirements	Operational Acoustic Noise Level	≤65dB
	Operating Altitude	2000m
	Operating Temperature Range	-35° ~ +55°
	Storage Temperature Range	-40° ~ +70°
	Relative Humidity	≥95%
Connectivity & User Interface	Connectivity	Dual 5G, Wi Fi, Ethernet, WiSun
	Screen Type	8inch, 15 inch, 27 inch AD screen Optional
	Cable Length	5m
	Status Indication	LED/LCD/APP
	Display Height	1140mm
	RFID Protocols	ISO 14443 A/B, ISO/IEC 15693
	Credit Card Readers	Payter
	User Authentication	APP, RFID card, QR code, Credit Card (Optional)
	User Interface	Proprietary
	Cable Mgmt System	Standard
Certification & Safety Standards	Safety Standards	IEC 61851-1; IEC 61851-23; IEC 61851-21-2; ISO 15118
	Certification	CE, CB, UKCA, Eichrechet, MID, LNE, EMC Class A
	EMC Compliance	Class A
	Design Life	15 years
	Warranty	24 months, warranty extension possible