

Liquid Cooling Charging System

240kW/300kW/360kW

Fleet | Highway | Stations | Retail

- CCS charging up to 500A.
- 100 km of range in less than 3 minutes for passenger car.
- Suited for current and next generation EVs.



Technical Specification

CHARGE POST	
Charging type	DC Charger
Localization	CE , TR25
OUTLET OPTIONS	
Max DC output power rating	240kW ,300 kW , 360kW
Input voltage range	400 VAC +/- 15% (45 Hz~60 Hz)
Connector types	3P + N + PE
Input DC power rating(MAX)	440A , 550A, 660A
Power factor (full load)	> 0.99
THDi	< 5%
DC output voltage	150 -1000 VDC
Outlet current	500A
Efficiency	> 95% (peak)
Standby power	< 50W*N (Plug)
Protection	OVP, OCP, OPP, OTP, UVP, SCP, LVP, Residual current detection, Surge protection, Door Access , RCD Protection
USER INTERFACE	
Communication mode	4G , Ethernet
User authentication	RFID, MAC, Screen button
User interface	7" LCD touchscreen
RFID Reader	ISO 14443
CONFIGURATION	
Software update	Remote upgrade
Control and configuration	Cloud platform, OCPP 1.6J (Extendable to ocpp2.0)
Multilanguage system	English, French, Spanish, Russian and Chinese(Customized Language)
GENERAL CHARACTERISTICS	
IP and IK rating	IP-55 and IK-10 (cabinet) / IK- 8 (touchscreen)
Operational altitude	Up to 2500 m
Operating temperature range	-30°C to + 55°C (power de - rating applies)
Humidity	5 -95 % Rh non- condensing
Dimensions (W x D x H)	820mm*820mm*1980mm(Power cabinet), 600mm*380mm*2200mm(Dispenser)
Weight	≤600kg(Power cabinet), ≤180KG(Dispenser)
Cable length	5 meters (8m/10m optional)
CERTIFICATION AND STANDARDS	
Charging system	IEC 61851-1 , IEC 61851- 21- 2 , IEC 61851- 23 , IEC 61851- 24 , IEC 62196 - 2, IEC 62196 -3
Communication to the EV	ISO15118 (Extensible)