

LIQUID-COOLED ALL-IN-ONE DC CHARGER

Versatile and Efficient All-in-One Solution

ULTIMATE EXPERIENCE

- Ultra-quiet operation
- Flexible and light cable
- 32" media display
- Dynamic Flash Bar

ENERGY EFFICIENT

- Maximum output current of 650A
- Smart standby for lower power consumption
- Dynamic load management system to optimize grid utilization

HIGH ENVIRONMENTAL ADAPTABILITY

- IP55 waterproof and dustproof
- Operation temperature from -30°C to 60°C
- Up to 2,000m high altitude operation

FLEXIBLE EVOLUTION

- Modular design for scalable power upgrade

SAFE AND RELIABLE

- Intelligent diagnosis and remote monitoring
- Comprehensive liquid cooling with 15-year designed lifespan



*The product configuration is for reference, and the actual configuration may vary depending on actual sales.





ELECTRICAL PERAMETERS

Charging Type	DC fast charging
Connection Type	CCS2 * 2
Input Voltage Range	400 VAC or 380 VAC $\pm 10\%$
Input Frequency	50 Hz or 60 Hz ± 5
DC Output Power Rating	450 kW / 375kW / 300kW
DC Output Voltage	200 - 1000 Vdc
Charging Gun Cable Length	5.0 m
Maximum Current(CCS Cables)	500A, 600A / 30min@Boost; Max 650A DC (Liquid)
Electro-Magnetic Compatibility	Class A
Distribution Systems	TN-S, TN-CS, TN-C (UK)
Connector Type	3P + N + PE
Protection	Overcurrent, Overvoltage, Undervoltage, Integrated surge protection, Polarity reverse protection, Scram protection, Grounding protection, Leakage protection, Door opening protection, Impact protection, etc
Power Factor	≥ 0.99
THDi	$\leq 5\%$
Efficiency	$\geq 96\%$
Energy Metering	MID
Connectivity	Internet access via 4G / 3G / Ethernet

USER INTERFACE

User Authentication	POS, RFID, NFC, APP, QR Code, AutoCharge, ready for Plug & Charge
User Interface	32" advertising screen (optional) + 15.6" LCD high-contrast touchscreen
Communiation Protocols	OCPP1.6J (ready for 2.0.1 or 2.1)
RFID Reader	ISO14443A+B, ISO/IEC 18092, ISO/IEC 15693 Support
Emergency Button	Yes
Cable Management System	Yes
Language System	English, French, German, Arabic

GENERAL CHARACTERISTIC

Protection Rating	IP55 and IK10 (cabinet) / IK08 (touchscreen)
Operating Altitude	H < 2000m
Operating Temperature	-30 to 50°C, Up to 50 to 60°C derated operation
Storage Temperature	-40 °C to 75 °C
Humidity	5%RH-95%RH, non-condensing
Dimensions (D x W x H) mm	1150 x 1160 x 2160 mm

COMPLIANCE STANDARDS

Codes & Standards	IEC 61851-21-2, IEC/EN 61851-1, IEC 61851-23, IEC 61851-24, IEC 62196-1, IEC 62196-3
Communication to the EV	DIN 70121, ISO/IEC 15118

