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LIQUID COOLING ULTRA-FAST CHARGING DISPENSER (MCS)

1500A

Highway service area | Truck depot | Fleets

FEATURES



RELIABILITY

High Uptime

- Unified hardware and software design minimizes failure rates, guarantees optimal uptime
- Advanced cable support system for premium user experience (optional)

FLEXIBILITY

Multiple Scenarios

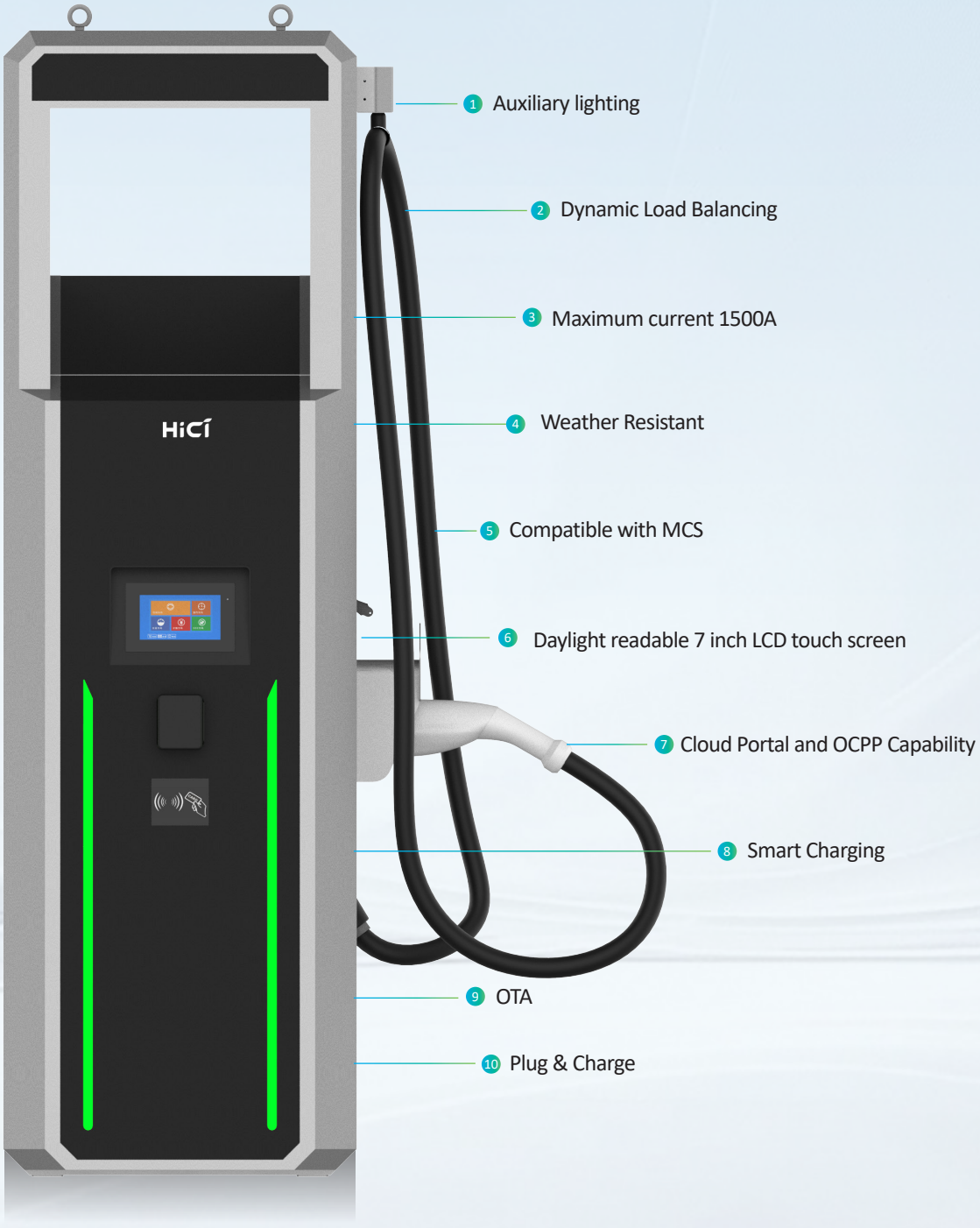
- Less floor space is ideal for space-restricted areas, such as High-density parking facility or near walls
- Up to 80 meters between Power Cabinet and dispenser
- Flexible charging system design

LIQUID COOLING

High Power Output

- Environmental friendly cooling liquid
- Provide continuous 1500A DC current over long period
- High-power DC charging system for heavy-duty electric vehicles

liquid cooling ultra-fast charging dispenser



Technical Specification

Function		Parameter
DC Output	Voltage Range	150 ~ 1000VDC
	Constant Power Range	300 ~ 1000V
	Rated Current	0 ~ 1500A
	Connector Type	MCS
	Connector Quantity	1
Basic Specifications	Connectivity	4G, Ethernet
	Communication Protocol	OCPP 1.6J (with the ability to upgrade to 2.0.1)
	Start Mode	App, RFID, Plug & Charge, Credit Card (optional)
	Screen Type	7 inch LCD touch screen
	RFID Protocol	ISO 14443
	Language	Chinese, Japanese, English, French, Spanish, Russian, Polish (others available via software upgrade)
	Software Upgrade	OTA
	Measurement Accuracy	Class 0.5
	Safety & Protection	Over Voltage, Over Current, Overload, Over temperature,Under Voltage, Short-circuit, Emergency Stop Protection, Residual Current Detection, Surge Protection, Door Access Protection, Grounding Protection
Environmental and Mechanical Specifications	Altitude Without Derating	≤ 2000 m
	Operating Temperature	-30℃ ~ + 55℃
	Operating Humidity	5~95% RH, non-condensing
	IP Level	IP55
	IK Level	IK10 (Screen IK08)
	Enclosure	Galvanized Steel
	Dimensions (W x D x H)	680 x 542.5 x 2203 mm
	Cable Management System	optional
	Cable Length	4m
Certification and Standards	Certification	CE
	Standard	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, IEC 61851-24 ISO 15118-20, ISO 5474, IEC 60664

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