AUTEL

MaxiCharger DC HiPower

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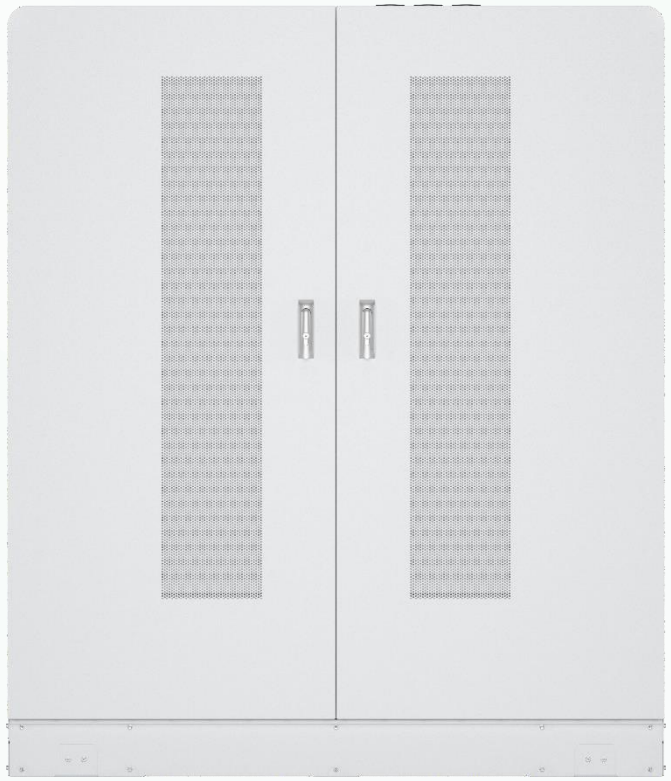
Autel MaxiCharger
DC HiPower

Dispenser



Power Cabinet

Dispenser

MaxiCharger DC HiPower

Ultra-fast

Accelerate Revenue and User Engagement

- **Max. 640 kW output power; Max. 650-amp output current; Max. 480 kW** single cable output power.
- Liquid-cooling and low-temp fast charging tech provides up to 250 miles of range in 10 min.

Intelligent

Optimize Power Efficiency

- **Energy Cube** (Matrix switching algorithm patented by Autel) and an AI-driven switching algorithm minimize expansion costs and optimize power capability utilization.
- Operational intelligence through load balancing minimizes power consumption while enhancing station performance.

Reliable

Drive High Uptime

- Unified hardware and software design minimizes failure rates, enhances maintainability, and guarantees optimal uptime.
- Vehicle-charger compatibility is up to 99.9%, and the success rate of a one-time charge is up to 99.5%.
- Streamlined maintenance with redundant backup modular design enables single-module replacement in just 3 minutes.

Scalable

Meet Growing Demand

- **Starts at 320 kW, expandable up to 640 kW with added power modules.**
- Adapt the dispenser count based on demand, enabling simultaneous charging for up to 8 vehicles.
- Compatible with solar power, energy storage, and energy management systems (EMS).

MaxiCharger DC HiPower

Technical Specifications (Power Cabinet)

AC Input	480kW (Air Cooling)	640kW (Air Cooling)
Earthing system	3P, PE, N	3P, PE, N
Input voltage	3-phase 400V AC ±15% (2 Routes)	3-phase 400V AC ±15% (2 Routes)
Input frequency	50/60Hz	50/60Hz
Power factor	≥0.99	≥0.99
Harmonic distortion (THDi)	≤5%	≤5%
General Characteristics	**480kW (Air Cooling)**	**640kW (Air Cooling)**
Number of outputs (Max.)	8	8
Minimum adjustable power	40kW	80kW
Connectivity	4G, Wi-Fi, Ethernet	4G, Wi-Fi, Ethernet
Peak efficiency	≥96%	≥96%
Enclosure rating	IP54	IP54
Operating altitude	2000m	2000m
Operating temperature range	-35℃ ~ +55℃	-35℃ ~ +55℃
Storage temperature range	~-40℃ ~ +70℃	-40℃ ~ +70℃
Mounting	Floor Standing	Floor Standing
Dimensions (H×W×D)	2000×1700×900 mm	2000×1700×900 mm
Certification and Standards	**480kW (Air Cooling)**	**640kW (Air Cooling)**
Safety standards	IEC51851-23	IEC51851-23
Certification	CE	CE
Design life	10 years	10 years
Warranty	24 months, warranty extension possible	24 months, warranty extension possible

* All pictures shown are for illustration purpose only, actual product and specifications may vary due to product enhancement

MaxiCharger DC HiPower

Technical Specifications (Dispenser)

DC Output Connection	Liquid Cooling Dispenser	Boost Dispenser
Charging mode	Mode 4: CCS1	Mode 4: CCS1
Output1 power	480kW	240kW
Outpu1 voltage	150-950V	150-950V
Output1 current	CCS1 500A (Max. 650A)	CCS1 300A (Max. 400A)，200A (Optional)
Output2 power	480kW	240kW
Output2 voltage	150-950V	150-950V
Output2 current	**CCS 2 500A (Max. 650A)**	**CCS 2 300A (Max. 400A)，200A (Optional)**
Number of outputs	2*CCS1	2*CCS1, or 1*CCS1+1*CHAdeMO
General Characteristics	**Liquid Cooling Dispenser**	**Boost Dispenser**
Enclosure rating	IP54	IP54
Operating altitude	3000m	3000m
Operating temperature range	-35℃ ~ +55℃	-35℃ ~ +55℃
Storage temperature range	~-40℃ ~ +70℃	-40℃ ~ +70℃
Mounting	Floor Standing	Floor Standing
Dimensions (H×W×D)	2075×580×320 mm	2075×580×320 mm
Screen type	15.6 inch LCD Touch Screen (1920*1080)	15.6 inch LCD Touch Screen (1920*1080)
Cable length	5m	5m
User Interface	**Liquid Cooling Dispenser**	**Boost Dispenser**
Status indication	LED/LCD/APP	LED/LCD/APP
User interface	Autel Charge APP; Autel Charge Cloud	Autel Charge APP; Autel Charge Cloud
Connectivity	Ethernet	Ethernet
Communication protocols	OCPP 1.6J (OCPP 2.0.1 Optional)	OCPP 1.6J (OCPP 2.0.1 Optional)
User authentification	APP, RFID card, QR code, Credit Card (Optional)	APP, RFID card, QR code, Credit Card (Optional)
Software Update	**Liquid Cooling Dispenser**	**Boost Dispenser**
Software update	OTA updates via web portal	OTA updates via web portal
Certification and Standards	**Liquid Cooling Dispenser**	**Boost Dispenser**
Safety standards	IEC51851-23	IEC51851-23
Certification	CE	CE
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Smart Power Distribution Improves Energy Efficiency

With the help of a smart technology called Smart Power Distribution, electric vehicles can be charged at full speed without you having to pay to increase your available electricity capacity.

Autel's Energy Cube and AI-driven switching algorithm minimize expansion costs and optimize power capacity utilization. Energy Cube intelligently manages power source switching, ensuring efficient energy distribution. The algorithm selects the best power source combination based on demand, maximizing capacity utilization. With Autel's technologies, achieve maximum efficiency and cost savings in power management.