MaxiCHARGER Gen2




DATA SHEET

# MaxiCharger

## DC DH 80 - 240kW

DC DH 80-240kW

MaxiCHARGER

# A high-performance DC rapid charger for en-route, pay-to-charge forecourts and public spaces, with 99% uptime, built for heavy usage and scalable power for future expansion.




## Load Balancing

Optimises power output based on site conditions, connected vehicles and available capacity to protect the power supply.

## Rapid Charging

Faster charging to ensure your custoemrs come back.

## Dual Outputs

Dual left and right sockets deliver simultaneous high-power charging for adjacent parking bays.

## Tap & Charge (RFID)

RFID tap-to-start, user identification, contactless payment and configurable billing.

## MID Meter

MID-approved meter built in for billing-grade accuracy - displays pence per kWh (±1%).

## Advertising Screen

21.5-inch LCD advertising touchscreen for additional revenue opportunities.

## OCPP integration

Seamless OCPP 1.6 / 2.0 for back-office office software integration & remote diagnostics.

## Fully Compliant

Your MaxiCharger is fully compliant with the electric vehicles regulations.

## 2 Year Warranty

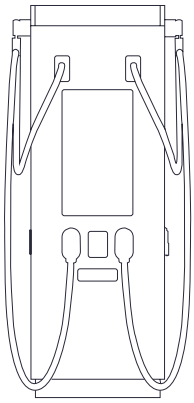
Covered by a 2-year warranty as standard.

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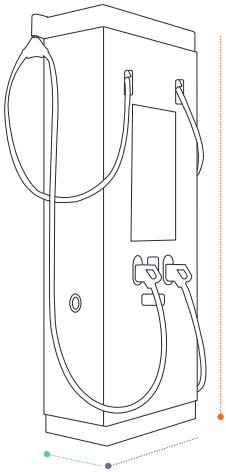
# Product Overview

- Height: **2150mm**
- Width: **782mm**
- Depth: **480mm**





| Product name | Product code | Power output | AC Input voltage | Dimensions HxWxD |
|---|---|---|---|---|
| MaxiCharger DC DH80 | MDH80 | 80kW | Three phase 400V AC+10% | 2150 x 782 x 480 mm |
| MaxiCharger DC DH120 | MDH120 | 120kW | Three phase 400V AC±10% | 2150 x 782 x 480 mm |
| MaxiCharger DC DH160 | MDH160 | 160kW | Three phase 400V AC±10% | 2150 x 782 x 480 mm |
| MaxiCharger DC DH200 | MDH200 | 200kW | Three phase 400V AC±10% | 2150 x 782 x 480 mm |
| MaxiCharger DC DH240 | MDH240 | 240kW | Three phase 400V AC±10% | 2150 x 782 x 480 mm |

# Technical Data

| | DC DH80 - 240kW |
|---|---|
| **Charging mode** | Mode 4 CCS2 |
| **Output voltage** | 150-1000V |
| **Max output current** | Uncooled Cable: 380A (Max. 500A) |
| **Number of outputs** | 2*CCS2 |
| **Peak efficiency** | ≥96% |
| **Earthing system** | 3P+PE |
| **User interface** | 27 inch LCD Touch Screen, Autel Charge app, Autel Charge cloud, 4G, Wi-Fi, Ethernet |
| **Communication protocols** | OCPP 1.6J (OCPP 2.0.1 optional) |
| **User authentification** | App, RFID card, credit card optional (back office subscription required) |
| **IP & IK rating** | IP54, IK10 |
| **Unit dimensions** | 2150 x 782 x 480 mm (H x W x D) |
| **Operating temperature range** | -35°C ~ +55°C |
| **Safety standards** | IEC 61851-1, IEC 61851-21-2, IEC 61000, Eichrecht |
| **Certification** | CE; UKCA; TR25; ETSI EN 303645; TÜV, EMC Class A |
| **Warranty** | 2 years |

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