AUTEL®

MaxiCharger Single Charger (A22 Series)

Innovating AC Charging Solutions

One-Click Snap-in Installation

Support ISO15118

Support OCPP1.6J OCPP2.0.1

ALM / DLB

Station-Level Mass Commissioning

APP,RFID Card POS Kiosk Mobile Payment

Digital Twin O&M Platform

Green Energy Integration

Technical Specifications

Model	SingleCharger EU	Single Charger DE	Single Charger UK

Product Information

AC Power Output Rating	22kW		
Input/output voltage	400V±15%, three phase,50Hz 230V~±15%, single phase,50Hz	400V±15%, three phase,50Hz 230V~±15%, single phase,50Hz	400V±15%, three phase,50Hz 230V~±10%, single phase,50Hz
Circuit Breaker Options (A)	40A		
Input power connections	3P+N+PE 50Hz or 1P+N+PE 50Hz		
Network type	TN,TT,IT	TN,TT	TN,TT
Input cord	Hardwired		
Connector type	IEC 62196 Type 2 Socket with shutter		IEC 62196 Type 2 Socket
Ground fault detection	AC 30mA + DC 6mA		
Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection		
Card reader	ISO 15693, ISO 14443 A/B, ISO18092		
Vehicle communication	ISO15118-2/20		
Metering Accuracy	±1%，MID	±1%,MID, Eichrecht	±1%，MID
Pos Payment	Pos Kiosk		
Authentication methods	Plug & charge，Autocharge，RFID，Third-party apps		

General Characteristics

Enclosure rating	IP54,IK10,Indoor or Outdoor installation		
Operating altitude	2000m		
Operating temperature range	-30°C~50°C		
Storage temperature range	-40°C~70°C		
Mounting	Wall or floor using a pedestal		
Dimensions (H×W×D)	315*170*107mm		
Operating Humidity	<95%, Non-Condensing		
Ambient Light Sensor	Yes		

User Interface

Status indication	Digital tube or 5 inch,800*480 touch screen
User interface	Autel Charge APP; Autel Charge Cloud
Connectivity	4G, Wi-Fi, Ethernet,RS485
Communication protocols	OCPP 1.6J, OCPP 2.0.1

Software Update

Software update	OTA updates via web portal

Certification and Standard

Safety standards	IEC/EN 61851-1, EN 62311, EN 62479, IEC/EN 62955		
Codes and standards	EMC Class B , UKCA,BSI 7671		
Complies Regulations	AFIR-compliant	AFIR-compliant	AFIR-compliant UK Regulations 2021
Lifespan	10+ Years		
Warranty	3 Years		

Smart Junction Box

Easy connection and configuration for EV Charger

AC Smart Junction Box is designed to connect and configure the EV charger conveniently. This allows you to easily install EV chargers without any additional electrical work.

Pre-Installation
Allow electricians to assemble in advance and support batch installation,reduce waiting time and lower installation costs.

Pre-Configuration
By using Config app and NFC function, it is possible to configure the parameters of EV Chargers rapidly.

Reduce installation cost
Supports the expansion of multiple charging stations on the same cable, reduce installation cost up to 30%.

Model	Smart JCU200-EU10
Input/Output Voltage	400V±15%,three phase, 50/60Hz 230V±15%,single phase, 50/60 Hz
Circuit Breaker Options (A)	40 A
Network type	TN, TT, IT
Mounting	Wall or floor using a pedestal
Wiring	4~10mm², Cable strip length: 19 mm , Terminal torque: 2 Nm
Enclosure Ratings	IP54 (IP22 without cover),IK10
Operating Temperature	-30°C~50°C
Storage Temperature	-40°C~70°C
Operating Humidity	<95%, Non-Condensing
Operating altitude	2000m
Dimension(HxWxD)	281.2 x 126 x 59(mm)
Weight	2kg (approximate)
Warranty	3 years

*Notice：The information in this document is for information purposes only, is provided as is, and may be subject to change without notice.