

MaxiCharger Dual Charger

Innovating AC Charging Solutions

Ultra-high Reliability

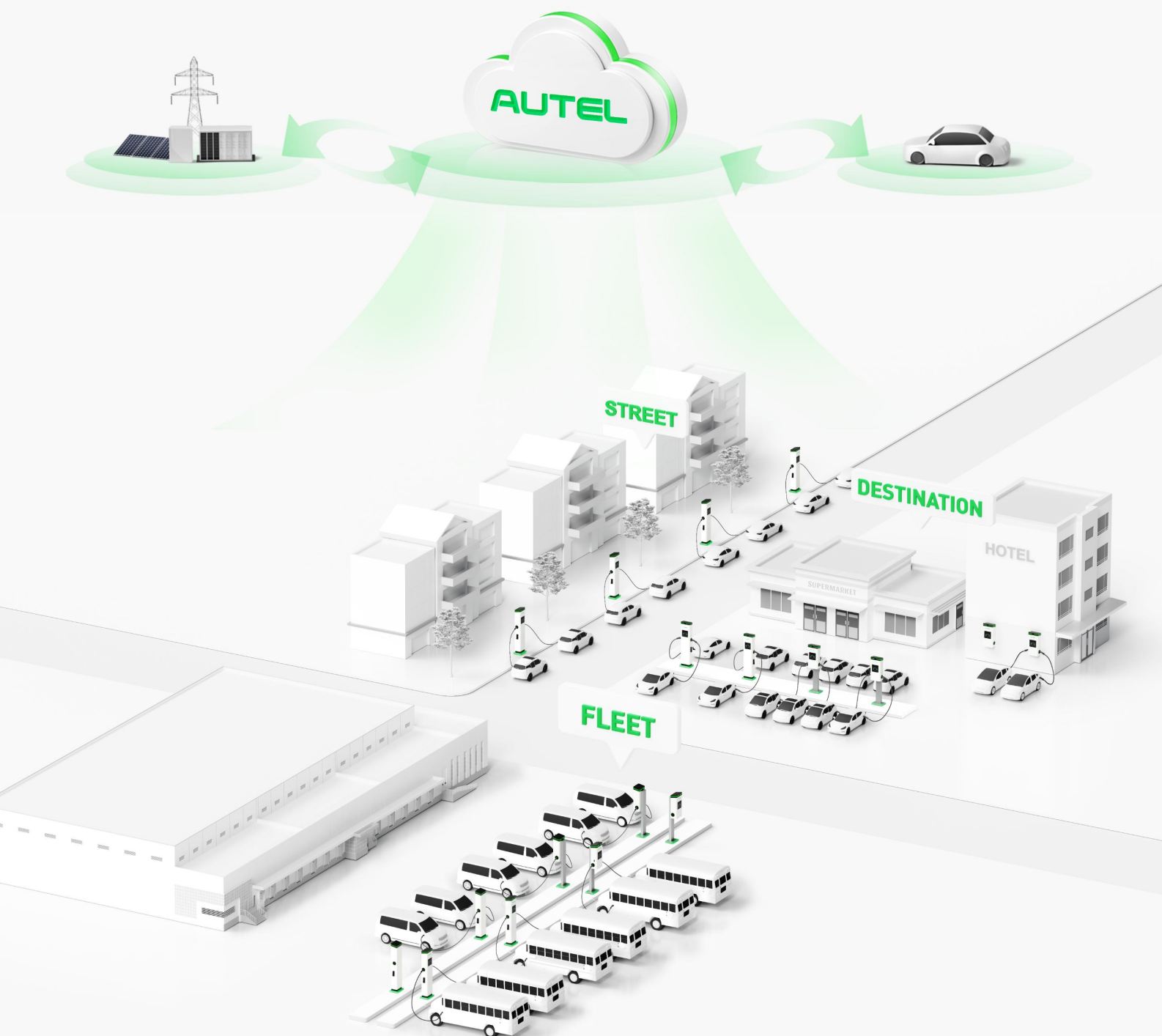
Triple-network backup and Wi-Sun redundancy enables 98% uptime

Smart Charging

Smart dynamic load balancing with up to 200 chargers

Modular Design

Fully modular architecture enables <10min replacement





AC MaxiCharger Dual Charger employs advanced fully modular design, triple backup network and Wi-Sun redundancy technology to achieve 98% uptime. It builds an intelligent charging ecosystem, supporting 10-minute site-level mass commissioning and integration with up to 200-unit DLB. Additionally, it enables PV-ESS-EVSE coordination and full-scenario payment. Designed for future expansion, it is compatible with V2G and OCPP 2.1 standards. It adapts to current PV-ESS-EVSE stations, commercial and public areas, and future V2G scenarios. It helps customers increase revenue, improve power utilization, building a seamless intelligent charging network.

Full-Cycle Reliable



Hardware Reliability

Triple protection with 32 safety tests and 3-year warranty ensure reliable hardware



Operation Reliability

Triple network backup and Wi-Sun redundancy ensure zero-interrupted network



Maintenance Reliability

Fully modular architecture ensures single component replacement less than 10 minutes by one person

Comprehensive Intelligent



Smart Charging

Supports 200-unit DLB and phase balancing, increasing power utilization by 10%



Smart Configuration

Supports 10-minute site-level mass commissioning and one-click configuration



Smart Voice Broadcast

User-friendly design enhances the interactive experience

Ecosystem Scalable



Seamless Payment

Supports 8 payment methods including PnC and Autocharge, compatible with 8 major POS devices



Compatible Protocol

Support ISO15118-2/20, OCPP 1.6J & 2.0.1, future expansion to OCPP 2.1



PV-ESS-EVSE Collaboration

PV-ESS-EVSE-Grid-Cloud seamless integration, V2G ready

Technical Specifications

Product Information

AC Power Output Rating	2*22kW
Input/output voltage	400V(3×230VAC)~±15%, 3-phase, 50/60Hz or 230V~±10%, 1-phase, 50/60Hz
Circuit Breaker Options (A)	80A
Input power connections	3P+N+PE 50/60Hz or 1P+N+PE 50/60Hz
Network type	TN, TT, IT
Input cord	Hardwired
Connector type	IEC 62196 Type 2 Socket
Ground fault detection	Type A 30mA + DC 6mA
Protection	Overcurrent, Overvoltage, Undervoltage, Integrated Surge protection
Protective Multiple Earthing	Built-in PME fault detection
Card reader	ISO 15693, ISO 14443 A/B
Vehicle communication	ISO15118-2/20
Metering Accuracy	±1%, MID
Authentication methods	PnC, Autocharge, Credit Cards(Optional-Payter/Pax etc.), RFID, APP
Corrosion resistance grade	C5-M (ISO 12944, resistance to neutral salt spray corrosion for 720h)

General Characteristics

Enclosure rating	IP55, IK10, Indoor or Outdoor installation
Operating altitude	2000m
Operating temperature range	-30°C~50°C
Storage temperature range	-40°C~70°C
Mounting	Wall mounted or Floor standing
Operating Humidity	<95%, Non-Condensing
Enclosure material	Aluminum profile
Dimensions(H*D*W)	701*318*208mm(Wall mounted), 1452*310*200mm(Floor standing)
Ambient Light Sensor	Yes

User Interface

Status indication	8 inch, 1280*720 touch screen
Voice broadcast	Voice with 2 speaker, 4 microphone array
User interface	Autel Charge APP, Autel Charge Cloud
Connectivity	5G(Optional), 4G, Wi-Fi, Ethernet, RS485, Wisun
Communication protocols	OCPP 1.6J, OCPP 2.0.1, OCPP2.1 Upgradable

Software Update

Software update	OTA updates via web portal
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Certification and Standard

Safety standards	IEC/EN 61851-1, EN 62311, EN 62479, IEC/EN 62955, NEN-EN-IEC 61439-7
Codes and standards	EMC Class A, UKCA, BS 7671
Complies Regulations	AFIR-compliant, UK Regulations 2021
Lifespan	10+ Years
Warranty	3 Years



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