ULandPower EV Charging

Product Catalogue 2024

Core Advantages

High Compatibility Charging Protocol
Achieved OCPP1.6J & OCPP2.0.1, inspected by leading European/American CPO for protocol compatibility.

Broad range of connectivity options
Connectivity via WiFi, RS485, Bluetooth and LAN optional, enabling real-time monitoring and management.

Smart Power Management
This design cut electricity bills, and lower energy expenses by 60%.

Multiple Charging Start Methods
Multiple charging start Methods: Plug&Play, RFID Card, APP.

Comprehensive Safety Protections
Includes built-in features like over-voltage, over-current, and short-circuit protection for secure operation.

All-in-One Charging Solution
Integrated charging station, app, and platform solution to optimize overall investment.

Leading ISO15118 Application
First in the industry to achieve ISO15118 compliance and TÜV certification for AC chargers.

Dynamic Load Balancing Solutions
The optional CT-Clamp and CT-BOX integrate easily to dynamically adjust current balancing load and preventing overload.

Leading Cyber security System
Closed-loop security system with ECDSA P-256, SHA256, AES256 for authentication, encryption, and integrity.

UNR1-T

- Up to 48A, optional 40A/48A
- SAE J1772 Type 1 Plug
- Smart app control via Wi-Fi or Bluetooth
- Wireless config and Bluetooth maintenance

UNR1-N

- Up to 48A, optional 40A/48A
- IP66, IK10 for ultimate protection
- Smart app control via Wi-Fi or Bluetooth
- NACS connector

UN1-A48

- Up to 48A, optional 32A/40A/48A
- SAE J1772 Type 1 Plug, NACS Optional
- Dynamic load balancing Management
- Self-developed for superior electrical safety

UN2-A48

- Up to 48A, optional 32A/40A/48A
- OCPP1.6J/OCPP2.0.1/ISO15118
- Multiple communication methods
- Smart power management

UN1-A80

- Up to 80A, optional 70A/80A
- Protection IP65, IK08
- SAE J1772 Type 1 Plug, NACS Optional
- High compatibility charging protocol

UN2-A80

- Up to 80A, optional 70A/80A
- OCPP1.6J/OCPP2.0.1/ISO15118
- WEB Portal configuration tool
- Lower standby power through intelligent wake-up

NA EV AC Charger Level 2

FC   ETL   energy

UER1

- Up to 22KW, optional 7KW/11KW/22KW
- Protection IP66, IK10
- IEC 62196-2 Compliant, Type 2 plug
- DC6mA ground fault protection and O-PEN

UE1

- Up to 22KW for fast charging
- OCPP1.6J/OCPP2.0.1/ISO15118
- Custom segmented charging display
- DC6mA ground fault protection and O-PEN

UE2

- Up to 22KW, optional 7KW/11KW/22KW
- Enhanced relay arc protection design
- IEC 62196-2 Compliant, Type 2 cable
- Lower standby power through intelligent wake-up

UES1

- Up to 22KW, optional 7KW/11KW/22KW
- IEC 62196-2 Compliant, Type 2 socket
- High compatibility charging protocol
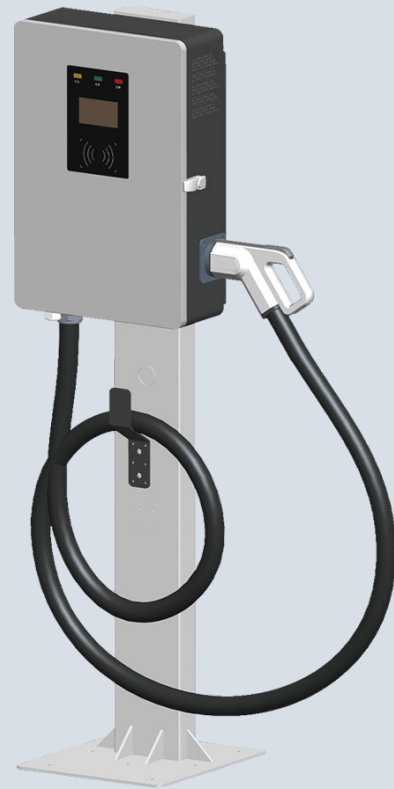- DC6mA ground fault protection and O-PEN

UES2

- Up to 22KW, optional 7KW/11KW/22KW
- High compatibility charging protocol
- Comprehensive Safety Measures
- Dynamic load balancing Management

EU EV AC Charger Mode 3

CE CB UKCA

20kW/30kW/40kW
DC Charger Series

- Supports output up to 1000V
- Flexible Installation Options
- Strong Weather Resistance
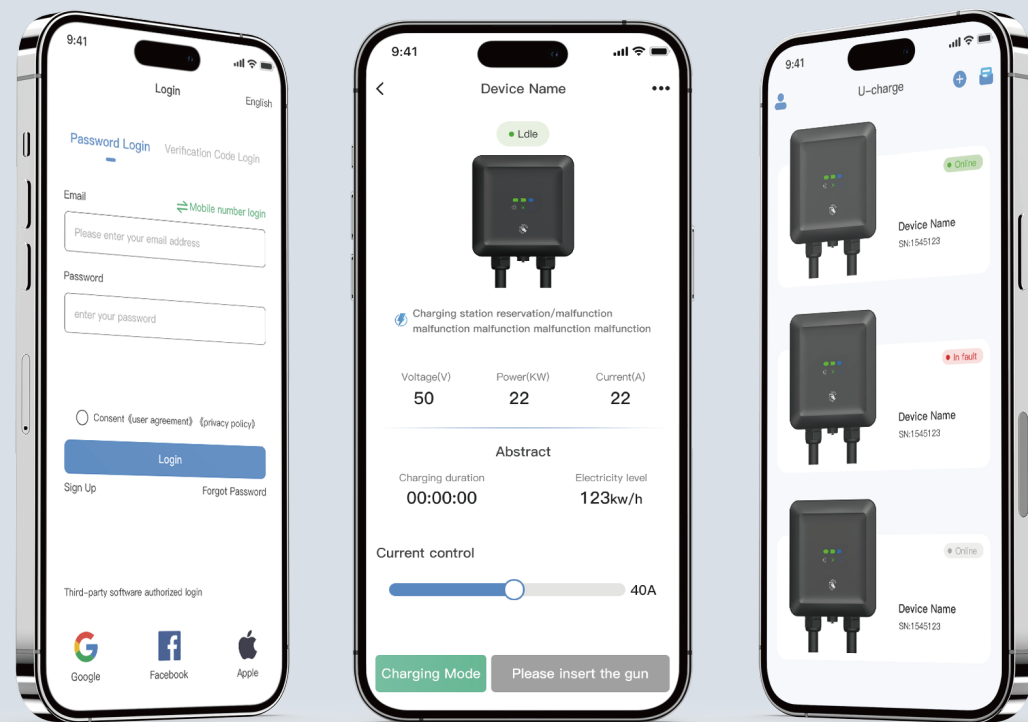- Multiple Safety Protections

120kW-320kW
DC Charger Series

- High Reliability
- Strong Weather Resistance
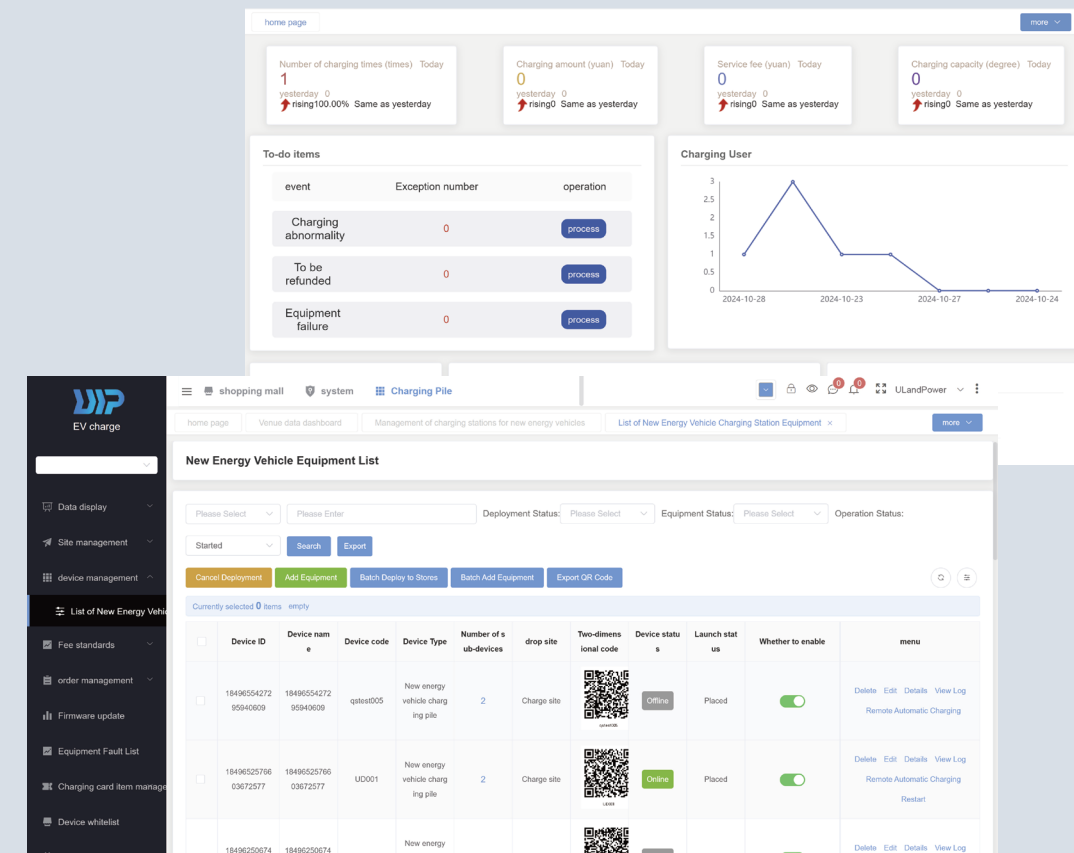- High-Efficiency Charging Module
- Intelligent Power Management

EU EV DC Charger Mode 4

CE

U-Charger App

- Optimizes charging times and currents to reduce electricity costs.
- Sends real-time notifications for charging status and issues.
- Monitors equipment performance to ensure stable operation.
- Analyzes data to quickly identify and resolve faults.
- Features an intuitive design for easy navigation.
- Allows personalized settings based on user needs.

U-Energy Platform

- Allows remote configuration from anywhere.
- Isolates data for security while sharing resources.
- Provides real-time insights into station performance.
- Supports flexible private deployment for security needs.
- Uses data collection for diagnostics and improved efficiency.
- Enables global client access for enhanced operational convenience.

U- Charger App & U-Energy Platform