



# UNI LINK V2G 30 kW DC CHARGER

**Smart Charging · Simplified Management**



## Flexible Deployment

Designed for commercial, workplace, and public charging applications, delivering an ideal balance of performance and installation efficiency.



## Wide Compatibility

Supports CCS1 and CCS2 standards, ensuring seamless charging for a broad range of electric vehicles.



## Smart Connectivity

OCPP 1.6J compliant with Ethernet, Wi-Fi, and 4G communication options for remote monitoring and management.



## Efficient Fast Charging

Provides up to 30kW DC charging power to reduce charging time and improve charger availability.



## Reliable Operation

Built with comprehensive protection features and industrial-grade durability for long-term stable performance.



## Product Information

|                             |                     |                                                                                                                                                                                                                                   |                                      |
|-----------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| Charge                      | AC Side<br>(Input)  | Grid Connection                                                                                                                                                                                                                   | 3P+N+PE                              |
|                             |                     | Rated Voltage                                                                                                                                                                                                                     | 320/400 Vac (Full output)            |
|                             |                     | Rated Voltage Range                                                                                                                                                                                                               | 260 ~ 400 Vac (line to line)         |
|                             |                     | Max Current                                                                                                                                                                                                                       | 60 A                                 |
|                             |                     | Operating Frequency                                                                                                                                                                                                               | 55 ±10 Hz                            |
|                             |                     | Power Factor                                                                                                                                                                                                                      | >0.98                                |
|                             |                     | Current THD                                                                                                                                                                                                                       | Total <5%                            |
|                             | DC Side<br>(Output) | Rated Power                                                                                                                                                                                                                       | 30 kW                                |
|                             |                     | Rated Voltage Range                                                                                                                                                                                                               | 150 ~ 1000 Vdc                       |
|                             |                     | Max Current                                                                                                                                                                                                                       | 80 A                                 |
| Voltage Ripple              |                     | <5 Vp-p                                                                                                                                                                                                                           |                                      |
| Over Current Protection     |                     | Charging Current ×120%                                                                                                                                                                                                            |                                      |
| Peak Efficiency             |                     | 94.5 %                                                                                                                                                                                                                            |                                      |
| Discharge<br>Stand<br>Alone | DC Side<br>(Input)  | Rated Power                                                                                                                                                                                                                       | 30 kW                                |
|                             |                     | Rated Voltage                                                                                                                                                                                                                     | 250 ~ 1000 Vdc                       |
|                             |                     | Max Current                                                                                                                                                                                                                       | 80 A                                 |
|                             | AC Side<br>(Output) | Grid Connection                                                                                                                                                                                                                   | 3P+N+PE                              |
|                             |                     | Rated Voltage                                                                                                                                                                                                                     | 260 ~ 400 Vac                        |
|                             |                     | Loaded Separately                                                                                                                                                                                                                 | Supports three-phase unbalanced load |
|                             |                     | Max Power                                                                                                                                                                                                                         | 30 kVA                               |
|                             |                     | Max Current                                                                                                                                                                                                                       | 45 A                                 |
|                             |                     | Operating Frequency                                                                                                                                                                                                               | 50 Hz                                |
|                             |                     | Power Factor                                                                                                                                                                                                                      | 0.8C ~ 0.8L Adjustable               |
| Peak Efficiency             |                     | 94.5 %                                                                                                                                                                                                                            |                                      |
| Leakage Protection          |                     | RCD Type A (This function is not available in discharge mode)                                                                                                                                                                     |                                      |
| Protection                  |                     | Over/Under Voltage Protection, Current Leakage Protection, Lightning Surge Protection, Over Temperature Protection, Communication Interference Interruption Protection and Reset, Short Circuit Protection, Isolation Transformer |                                      |
| User Interface              |                     | 10.1" Advertising Screen/Emergency Stop Button/LED Indicator                                                                                                                                                                      |                                      |
| User Authentication         |                     | APP or RFID Card                                                                                                                                                                                                                  |                                      |
| Output Interface Type       |                     | CCS1 ×1 or CCS2 ×1                                                                                                                                                                                                                |                                      |
| Protocol                    |                     | OCPP 1.6J and can be upgraded to OCPP 2.0.1                                                                                                                                                                                       |                                      |
| Network Interface           |                     | Ethernet, WIFI, 4G                                                                                                                                                                                                                |                                      |
| Stand By Power              |                     | <50 W                                                                                                                                                                                                                             |                                      |

## General Characteristics

|                   |                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------|
| Design Standards  | EN IEC 61851-1, EN IEC 61851-23, EN IEC 62477-1:2023, EN 62477-1:2012+A11+A1+A12, EN IEC 62909-2:2019 |
| IP                | IP55                                                                                                  |
| Operating Temp    | -20 ~ 50°C (Derating above 50 °C)                                                                     |
| Humidity          | 5% ~ 95% Without Condensation                                                                         |
| Altitude          | ≤2000 m                                                                                               |
| Cooling Method    | Forced-air Cooling                                                                                    |
| Noise             | <65 dB                                                                                                |
| Communication     | ISO 15118-20                                                                                          |
| System Dimensions | H533 × W703 × D370 mm (Max)                                                                           |