# ONESA

AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

Provide EV charging station solutions to customers worldwide as both an ODM and OEM.







**ONESA Automation Machinery Energy Lighting Systems Construction Industry and Trade Co. Ltd.**

Orhanlı Mh.Karadeniz Cd.Turgut Reis Sanayi Sitesi.C3 Blok.No:7/C3-1 Tuzla/İSTANBUL

info@onesa.com.tr/onesaotomasyonmakina@gmail.com

ONESA

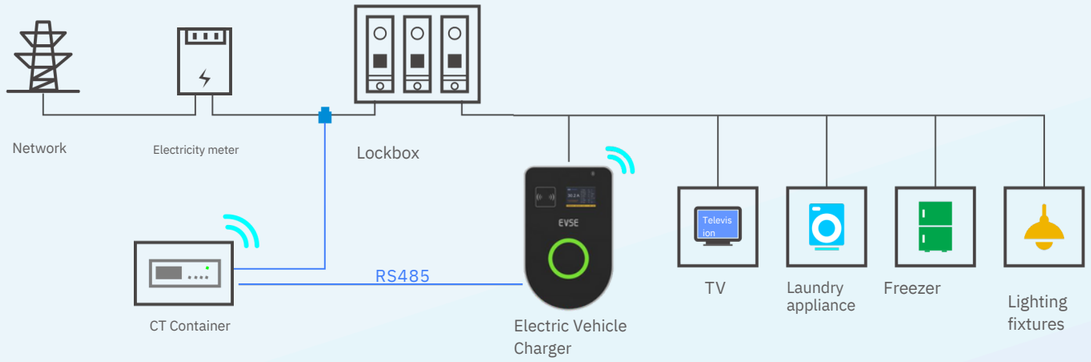
AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

# Our home-use solutions

## Dynamic Load Balancing

Dynamic Load Balancing optimizes the allocation of power among chargers and other building loads in real time, safeguarding devices and maximizing EV charging efficiency.

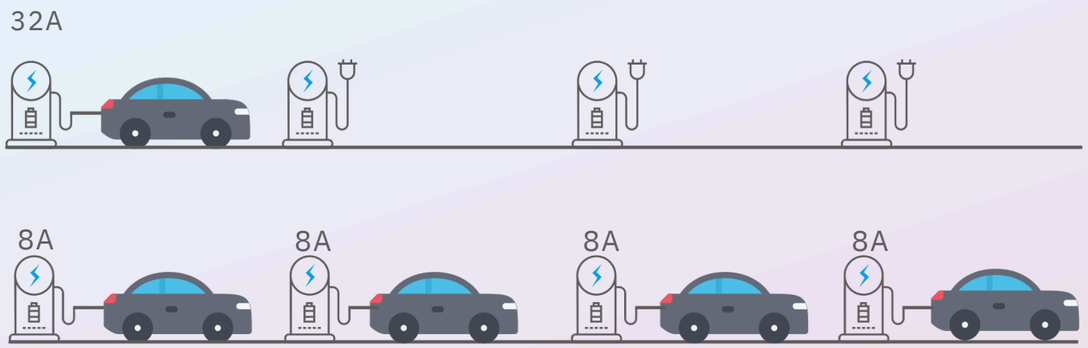
The CT box monitors total energy consumption and reports it to the management system. The system automatically regulates the charging power of each charger to prevent overload when chargers and other loads are used simultaneously.




## Static Load Balancing

Static Load Balance represents an intelligent charging functionality designed to evenly distribute the total available power among multiple chargers at a specific site. This feature enables users to establish a maximum power threshold for the chargers within the system and allocate charging power uniformly across individual operational chargers.

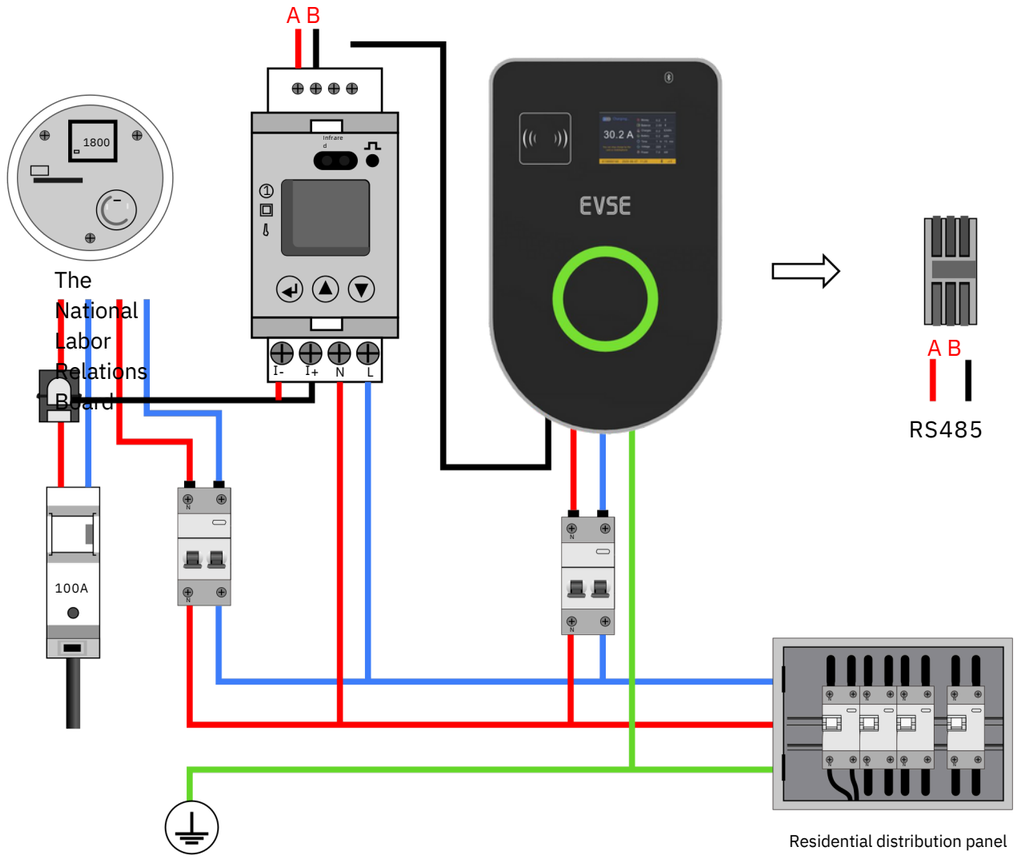
Load balancing aids in maintaining the local grid's capacity during peak hours. Electric vehicles can be charged at full power when feasible, although the charging rate diminishes as more electric vehicles commence charging simultaneously. For instance, in a scenario where a parking lot allows a maximum of 32A, the initial electric vehicle charging will utilize the full 32A capacity. Subsequently, as additional electric vehicles begin charging, the charging capacity will be evenly distributed among them.



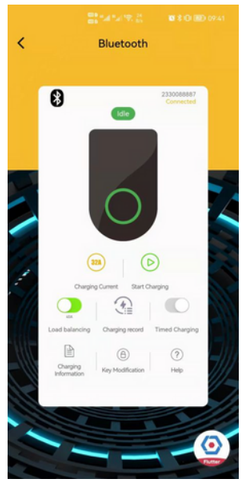


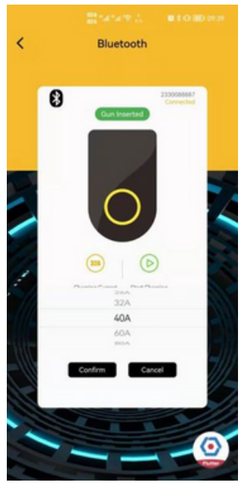

ONESA

AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS



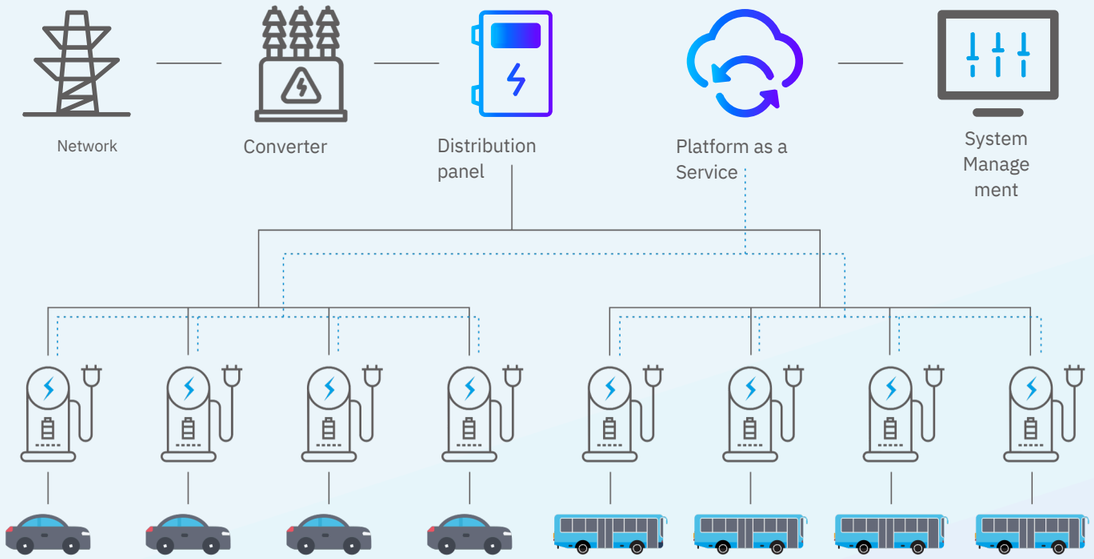

Residential distribution panel

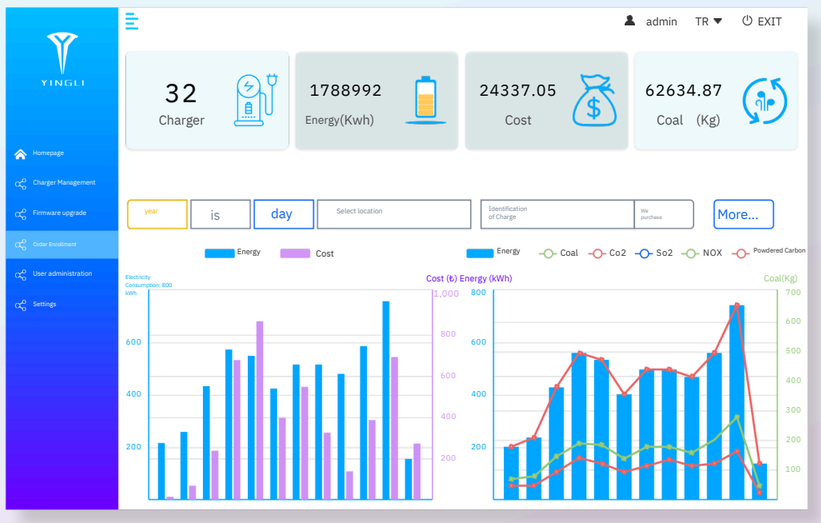


# Our public use solutions

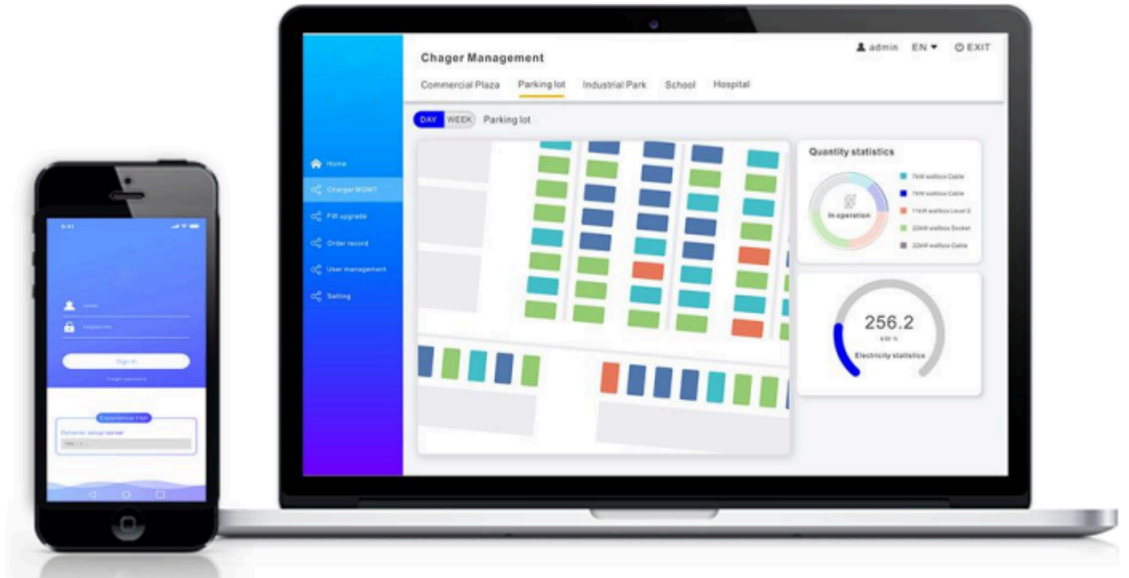
All the essentials for launching a charging business, including charging infrastructure, customer service, and intelligent energy management solutions.
We offer the ability to manage your own charging station network or offer services to other charging operators. All solutions are white-labeled.
Customizable and labeled to suit your customers' requirements.



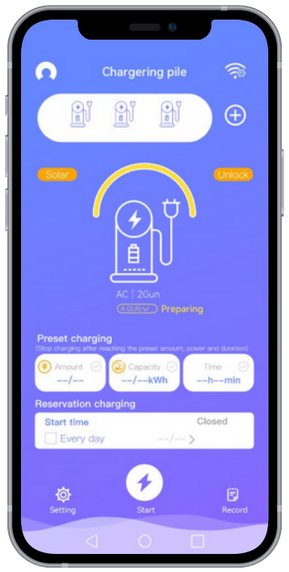



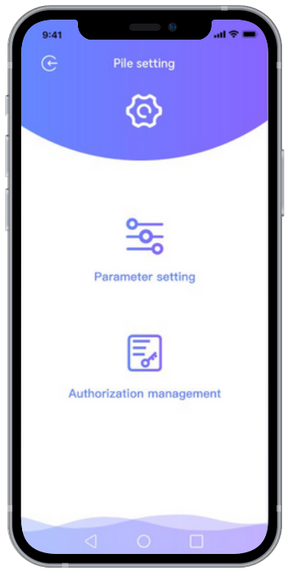



ONESA
AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS







ONESA

AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

## Portable Electric Vehicle Charging Station

**Trustworthy**

A+DC 6mA leakage protection Over temperature protection High IP65 protection class

**User Interface**

OLED Display Current options: 8A, 10A, 13A, 16A, 20A, 32A, adjustable.

**Excellent compatibility**

Compatible with all electric vehicles currently available.

SAE1772 Suggestion 1

Schuko Connector

NEMA6-20P Connector

NEMA Connector

CEE Blue

IEC62196-2 (Tip 2)



ONESA

AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

| Model | YLEV035K-P035 | YLEV7K-P7 |
|---|---|---|
| **Specifications** | | |
| Charging capability | up to 3.5 kilowatts | up to 7 kilowatts |
| Power Output | 230VAC±20%, 50/60Hz , 8A-10A-13A-16A adjustable, single-phase | 230VAC±20%, 50/60Hz , 8A-16A-20A-32A adjustable, single-phase |
| RCD | 30mA Type A Residual Current Device (RCD) and 6mA DC RCD operation. | |
| Standby power | <2W | |
| Accuracy of measurement | 1% | |
| Interface | LED, OLED, Button | |
| Certificate/Compliance | CE/IEC61851-1,IEC61851-22,SAEJ1772 | |
| Interface for Charging | Type 2 Plug for 5M Cable | |
| Power Cable Connector | Schuko/NEMA6-20P | NEMA14-50/Blue CEE |
| **Physical Characteristics** | | |
| Protection | IP65, IK10, | |
| Enhanced Security | Temperature sensor and plug adapter | |
| Cooling | Passive cooling | |
| Operational temperature | -30°C to +55°C | |
| Humidity | Max.95%(unregulated) | |
| Dimensions of the Product | 210*88*50(U*G*Y)mm | |
| Dimensions of the Product | 350*320*60(U*G*Y)mm | |
| Weight of goods | 2.02Kg | 2.5Kg |
| total weight | 2.25Kg | 2.7Kg |

# Residential wired EV charging station

**Secure and efficient**

Optimal home and private use charging station with Type A+DC 6mA leakage protection.

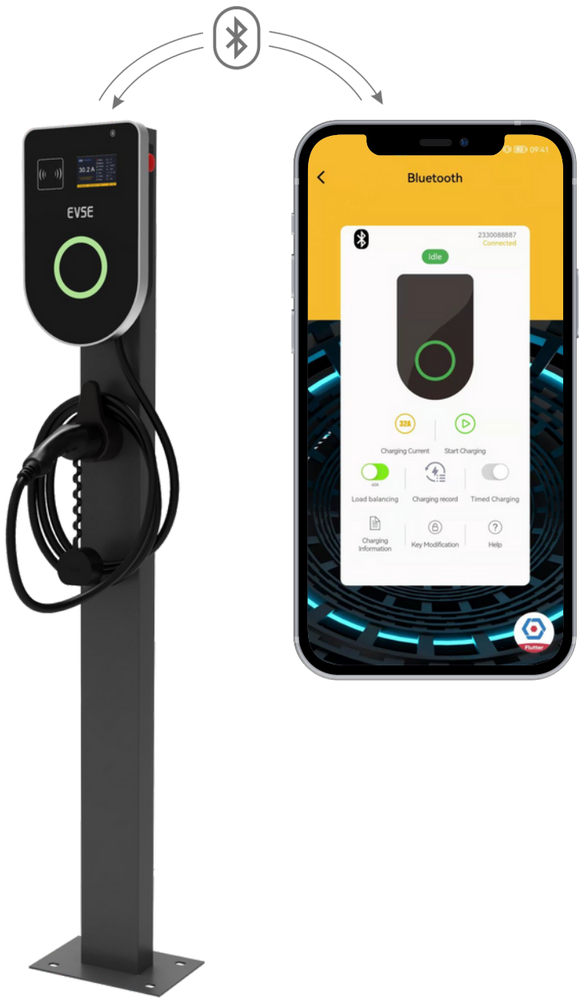
**Basic and intelligent**

Intelligent Bluetooth-enabled residential application manages wallbox Dynamic Load Balance.

**Versatile Choice**

Type 1 or Type 2 charging cable installation options: wall mount or floor standing.

IEC62196-2(Tip2)




ONESA
AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

| Model | YLEV7K-Y1 | YLEV11K-Y2 | YLEV22K-Y3 |
|---|---|---|---|
| **Specifications** | | | |
| Charging capability | up to 7 kilowatts | 11 kWh | up to 22 kilowatts |
| Power Output | 230VAC±20%-50/60Hz-32A-1faz | 400VAC±20%-50/60Hz-16A-3faz | 400VAC±20%-50/60Hz-32A-3faz |
| Standby Power for | 30mA Type A Residual Current Device | | |
| RCDs | (RCD) and 6mA DC RCD operate below 3W. | | |
| Accuracy of measurement | 1% | | |
| Communication | Optional Bluetooth/WIFI | | |
| Load Balancing | application for CT+Meter. | | |
| PEN Security | Optional | | |
| User Interface | LED/LCD (3.5")/ RFID (ISO & IEC 14443A) CE / | | |
| Certificate/Compli | EN/IEC 61851-1:2017, EN/IEC 61851-21-2:2018 | | |
| ance Interface Fee | 5-meter Type 2 cable | 5-meter Type 2 cable | 5-meter Type 2 cable |
| Enhanced Security | Current protection, Residual current protection, Ground protection, Voltage protection, Voltage protection, Frequency protection, Temperature protection | | |
| Physical Characteristics | | | |
| Installation | 2-year IP54, IK10, PC940 | | |
| of Front | Plastic/ Galvanized Steel | | |
| Panel | | | |
| Housing | | | |
| Warranty | Tempered glass wall | | |
| Protection. | mount/pole mount. | | |
| Cooling, Operating | Passive cooling | | |
| Temperature, | -30℃ excluding +55℃ | | |
| Humidity | Max.95%(unregulated) | | |
| Dimensions of | 320*230*100(U*G*Y)mm | | |
| Product Packaging | 465*325*270(U*G*Y)mm | | |
| Size | | | |
| 1HW D÷ÕUOÕ÷Õ | 5.1Kg | 5.5Kg | 5.5Kg |
| %U W D÷ÕUOÕN | 5.8Kg | 6.2Kg | 6.5Kg |

# Residential EV charging station

## Secure and Swift

Optimal home and private use charging station with Type A+DC 6mA leakage protection.

## Basic and intelligent

Intelligent Bluetooth-enabled residential application manages wallbox Dynamic Load Balance.

## Versatile Choice

Type 1 or Type 2 charging cable installation options: wall mount or floor standing.




ONESA
AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

| Model | YLEV7K-Y1 | YLEV11K-Y2 | YLEV22K-Y3 |
|---|---|---|---|
| **Specifications** | | | |
| Charging capacity and Input/Output power | 7 Kilowatts at 230 Volts AC ±20% - 50/60 Hertz - 32 Amperes - Single Phase | Up to 11 kW, 400VAC ±20%, 50/60Hz, 16A, 3-phase. | 22 Kilowatts at 400 Volts AC ±20% - 50/60 Hertz - 32 Amperes - Three-phase |
| RCD | 30mA Type A Residual Current Device (RCD) and 6mA DC RCD operation. | | |
| Standby power | <3W | | |
| Accuracy of measurement | 1% | | |
| Load Balancing | CT+Meter(Optional) | | |
| PEN Security | Optional | | |
| Communication | Bluetooth/WIFI(Optional)APP | | |
| Interface | LED/LCD (3.5")/ RFID (MIFARE ISO & IEC 14443A) | | |
| Certificate/Compliance | CE / EN/IEC 61851-1:2019, EN/IEC 61851-21-2:2018 | | |
| Interface for Charging | Socket Tip | | |
| Enhanced Security | Current protection, Residual current protection, Ground protection, Voltage protection, Voltage protection, Frequency protection, Temperature protection | | |
| **Physical Characteristics** | | | |
| Warranty | 2-year warranty IP54, IK10 | | |
| Protection | rating, PC940 | | |
| Housing Front | plastic/Galvanized steel | | |
| panel Installation | construction, Tempered glass, | | |
| Cooling | Wall/pole mountable, Natural | | |
| Operating | cooling, -30°C to +55°C | | |
| temperature | operating temperature, Max. | | |
| Humidity | 95% humidity (unregulated) | | |
| Product | 320*230*100(U*G*Y)mm | | |
| Dimensions, Package Size, Net Weight, Gross Weight | Dimensions: 462*325*270 (L*W*H) mm Weight: 4.5 kg 5.0Kg | 5.3 kilograms 5.8 kilograms | 5.5 kilograms 6.0 kilograms |

# Public cable and socket for EV Wallbox.

### Basic and intelligent

OCPP (1.6 and above) is a communication protocol used for wireless communication with CMS. It supports optional Wi-Fi, Ethernet, and 4G connectivity.

### Trustworthy

MID-certified energy meter with Type A+DC 6mA leakage protection for precise measurement.

## Versatile Choice

Universal Type 2 socket with optional Type 1/Type 2 charging cable for wall or floor stand mounting.






ONESA
AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

| Model | YLEV7K-S1 | YLEV11K-S2 | YLEV22K-S3 |
|---|---|---|---|
| **Specifications** | | | |
| Charging capacity and | Up to 7kW, 230VAC ±20%, | Up to 11 kW, 400VAC ±20%, | 22 Kilowatts at 400 Volts AC |
| Input/Output power | 50/60Hz, 32A, single-phase. | 50/60Hz, 16A, 3-phase. | ±20% - 50/60 Hertz - 32 Amperes - Three-phase |
| Standby Power for | 30mA Residual Current Device (RCD) Type A and 6mA RCD Type B | | |
| RCDs | (optional) <3W | | |
| Energy Meter OCPP | 1% | | |
| measurement | MID-certified OCPP 1.6 JSON (OCPP | | |
| accuracy. | 2.0 optional) | | |
| User Interface | WIFI / Ethernet / 4G(Optional) LED / LCD(3.5″) / | | |
| Contact | RFID(MIFARE ISO & IEC 14443A) | | |
| Certificate/Compliance | CE / EN/IEC 61851-1:2017, EN/IEC 61851-21-2:2018 | | |
| Interface for Charging | Type 2 socket / 5-meter Cable | | |
| Enhanced Security | Current protection, Residual current protection, Ground protection, Voltage protection, Voltage protection, Frequency protection, Temperature protection | | |
| **Physical Characteristics** | | | |
| Guarantee | 2 years | | |
| Protection | IP54, IK10, | | |
| Casing | Plastic PC940/ Galvanized steel | | |
| You are a panelist. | Tempered glass | | |
| Setup | Wall mounting/pole mounting | | |
| Cooling | Passive cooling | | |
| Operational temperature | -30˚C to +55˚C | | |
| Not | Max.95%(non-regulating) | | |
| Dimensions of the Product | 320*230*100(U*G*Y)mm | | |
| Package Size | 465*325*270(U*G*Y)mm | | |
| Net Weight | 5.1Kg | 5.5Kg | 5.5Kg |
| Total Weight | 5.8Kg | 6.2Kg | 6.5Kg |

# Residential EV Charging Station Level 2

## Secure and Swift

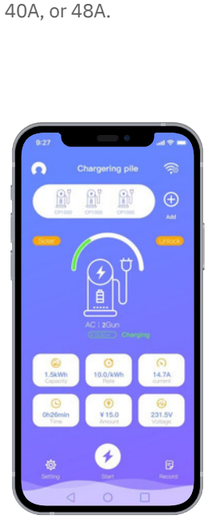
Optimal home and private use charging station with Type A+DC 6mA leakage protection.

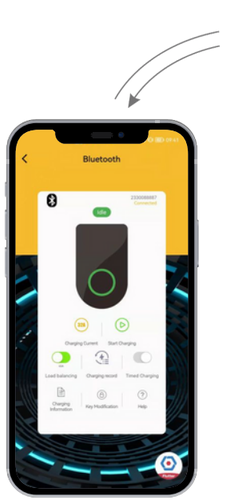
**Straightforward and Intelligent**

Control the wallbox at home using a smart Bluetooth-enabled mobile application.

## Versatile Choice

Level 2: Wall-mounted or floor-standing installation options of 32A, 40A, or 48A.





ONESA
AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

| Model | YLEV32A-L1 | YLEV40A-L2 | YLEV50A-L3 |
|---|---|---|---|
| **Specifications** | | | |
| Charging capacity and | 7.5-kilowatt power supply at 85- | 9.6 Kilowatts 85-265VAC | 85-265VAC-50/60Hz-4 |
| Input/Output power | 265 volts AC, 50/60 hertz, 32 amperes, single phase. | 50/60Hz 4<br>0A-1faz | up to 12KW<br>8A-1faz |
| Standby Power for | 30mA Type A Residual Current Device (RCD) and | | |
| RCDs | 6mA DC RCD operate <3W. | | |
| Accuracy | 1% Bluetooth/WIFI(Optional) APP | | |
| Measurement | LED/LCD(3.5’’)/RFID(MIFARE ISO & IEC | | |
| Contact User | 14443A) NEMA 14-50(Optional) | | |
| Interface Login Plugin | | | |
| Certificate of Compliance | NEC 625, SAE J1772, UL 817, UL 991, UL 2231, UL 225, and UL 2594. | | |
| Charging Interface | SAE J1772 32A 5M | SAE J1772 40A 5M | SAE J1772 48A 5M |
| Enhanced Security | Current protection, residual current protection, ground protection, surge protection, over/under voltage protection, over/under frequency protection, over/<br>Temperature protection | | |
| **Physical Characteristics** | | | |
| Guarantee | 2 years | | |
| Protection | IP54, IK10, | | |
| Casing | Plastic PC940/ Galvanized steel | | |
| You are a panelist. | Toughened glass | | |
| Setup | Wall mounting/pole mounting | | |
| Cooling | Passive cooling | | |
| Temperature Range | -30˚C to +55˚C | | |
| Humidity | Max.95%(unregulated) | | |
| Dimensions of the Product | 320*230*100(U*G*Y)mm | | |
| Dimension of Package | 465*325*270(U*G*Y)mm | | |
| Weight of goods | 5.5Kg | 5.8Kg | 6.1Kg |
| total weight | 6.2Kg | 6.5Kg | 6.8Kg |

## Dual Pedestal Collection

### Innovation

A charger with two output sockets designed for business use, featuring smart App control. It is vandal-resistant and anti-corrosive.

**Intelligent Management**

Ethernet/4G/Wi-Fi communication is supported for OCPP communication protocol with CMS Smart operation, including APP and cashless payment.

### Versatile Choice

Operation of the application, RFID authentication, and plug-and-play customization with various color options.





ONESA
AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

| Model | YLEV14K-T1 | YLEV22K-T2 | YLEV44K-T3 |
|---|---|---|---|
| **Specifications** | | | |
| Charging capacity and | 14 kilowatts to (7 kilowatts * 2) 230 | 22KW'a kadar(11KW*2) | Up to 44kW (22kW*2) 400VAC |
| Input/Output power | volts AC ±20% - 50/60 Hertz - 32 amperes * 2 - single phase | 400VAC±20%-50/60Hz-16A*2-3phase | ±20% - 50/60Hz - 32A*2 - 3-phase |
| RCD Standby Power | 30mA RCD Type A and 6mA DC RCD function or Type B (optional) | | |
| Measurement | <5W | | |
| Accuracy Energy | 1% MID certified. | | |
| Meter OCPP | | | |
| | OCPP 1.6 JSON (OCPP 2.0 optional) | | |
| Communication | Optional WIFI/Ethernet/4G LED/LCD (3.5'')/RFID (MIFARE | | |
| User Interface | ISO & IEC 14443A) CE/EN/IEC 61851-1:2017, EN/IEC | | |
| Certificate/Compli | 61851-21-2:2018 with 2 Type 2 sockets or 2 Type 2 Guns, | | |
| ance Interface Fee | 5M. | | |
| Enhanced Security | Current protection, Residual current protection, Ground protection, Voltage protection, Voltage protection, Frequency protection, Temperature protection | | |
| **Physical Characteristics** | | | |
| Guarantee | 2 years | | |
| Protection | IP54, IK10, | | |
| Front Panel | Galvanized steel | | |
| of Enclosure | and tempered glass. | | |
| Installation | Floor-stand | | |
| Optimal Operating | Natural cooling range: | | |
| Temperature | -30˚C to +55˚C. | | |
| Humidity | Max.95%(unregulated) | | |
| Dimensions of the Product | 1200*290*230(U*G*Y)mm | | |
| Package Size | 1320*480*430(U*G*Y)mm | | |
| Net Weight | 30Kg | 33Kg | 35Kg |
| total weight | 45Kg | 48Kg | 50Kg |

# MINI DC Series

Optimal charging station for 15kW-20KW-30KW-40KW EV rapid charger

## Amiable Locale

A 7-inch touch screen LCD and ring LED provide excellent user display capabilities for charging.

## Quick and Secure

40kW CCS Type 2 plug, enhanced charging efficiency, IP54 protection rating for outdoor installation.

## Basic oversight

Easily manageable and accessible via the Bluetooth and RFID functions of the mobile phone application.

## Broad utilization

Compliant with OCPP 1.6 and higher, allowing connection to a global EV charging management platform without the need for extra integration and pairing.





ONESA
AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

| Model | ES-AF20K | ES-AF30K | ES-AF40K |
|---|---|---|---|
| **Technical specifications** | S | | |
| Maximum Power | Up to 15/20 kilowatts | Up to 30 kW 400 VAC | Up to 40kW 400VAC |
| Input/Output Power | at 400 volts AC with a tolerance of ±10%, operating at 50/60 hertz in a three-phase system. | ±10% 50/60 Hz 3-phase | ±10% 50/60Hz 3-phase. |
| Measurement accuracy of power factor efficiency | 0.98 > 93% Level 0.5 | | |
| Voltage range of output Current range of output | CCS: 250~1000VDC 0-33A | 0-40A | 0-53A*2 |
| Communication Interface Display flexibility Energy Meter RCD | Ethernet/WIFI/4G/Bluetooth/OCPP 1.6 Json (OCPP 2.0 optional) RFID card and APP (Bluetooth) LCD 7-inch Touch Screen EN/IEC 61851-1:2019, EN/IEC 61851-23:2014 PTB certified Type A or Type B (optional) Over/under voltage protection, overload protection, current leakage protection, grounding protection, lightning surge protection. | | |
| Security architecture | | | |
| DC Connectors | 5-7.5M CCS2 cable | 5-7.5M CCS2 cable | CCS2 ve CHAdeMO 5M-7.5M |
| **Physical Characteristics** | | | |
| Warranty Application | 2-year indoor/outdoor wall mounting, with optional pedestal mounting. | | |
| Location Installation Procedure | | | |
| Sound level | 55 decibels in each direction. | | |
| Operating temperature | Operating Temperature: -20°C to +50°C with a maximum relative humidity of 95% (unregulated). | | |
| Humidity | | | |
| Dimensions | 480*560*160mm | | |
| Package Weight Net weight Gross weight | 500*600*200(U*G*Y)mm | | |
| | 35Kg 40Kg | 45Kg 50Kg | 55 kilograms 60 kilograms |

# Super DC Series

30-180kW superior electric vehicle fast charging station

## Optimized Efficiency

A single charger with dual outputs, enabling simultaneous charging. Two CCS2 DC connectors, capable of delivering up to 150kW of power. Consistent power supply within the 250~1000V voltage range, resulting in reduced heat generation due to lower current.

## Versatile Choice

A single charger with dual outputs, enabling simultaneous charging. Two CCS2 DC connectors, capable of delivering up to 150kW of power. Consistent power supply within the 250~1000V voltage range, resulting in reduced heat generation due to lower current.

## Intelligent Management

Ethernet/4G/Wi-Fi communication, all supporting the OCPP1.6 communication protocol, CMS Smart operation, and cashless payment via App.

## Trustworthy

A Type A Residual Current Device for leakage current protection, PTB certified energy meter with ISO15118 accurate measurement designed for Advanced Plug & Charge functionality.





ONESA
AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

| Model | ES-AF90 | ES-AF120 | ES-AF180 |
|---|---|---|---|
| Technical Specifications | S | | |
| The supreme authority | 90 kilowatts so far | up to 120 kilowatts | up to 180 kilowatts |
| Power Output | 400VAC ±10% 50/60Hz 3-phase | 400VAC ±10% 50/60Hz 3-phase | 400VAC ±10% 50/60Hz 3-phase |
| Power factor | ≥0.98 | | |
| productivity | >95% | | |
| Accuracy of measurement | Level 0.5 | | |
| Voltage Output Range | Voltage Range: 250~1000VDC | | |
| Current Output Range | 0-165A | 0-200A | 0-250A |
| Communication | PLC (between charger and vehicle) Ethernet/4G/Wi-Fi/OCPP 1.6J (optional) | | |
| Interface | 7-inch LCD Touch Screen with RFID Card and Mobile App | | |
| Versatility | EN/IEC 61851-1: 2019, EN/IEC 61851-23: 2014 | | |
| Security architecture | Over/under voltage protection, overload protection, current leakage protection, grounding protection, and lightning surge protection. | | |
| Plug | CCS 2Plug 7M or 10M (Optional) | | |
| Metering of Energy | PTB certification | | |
| RCD | Select Type A or Type B (optional) | | |
| Physical Characteristics | | | |
| Warranty | 2 years | | |
| Cooling | Air cooling | | |
| IP Classification | IP54 | | |
| Sound, Noise, | Sound level: <70 dB in all directions. | | |
| Operating Temperature | Temperature range: -20°C to +50°C. | | |
| Not | Max.95%(unregulated) | | |
| Dimensions of the Product | 750*770*1900mm | | |
| Dimensions of the Product | Wooden packaging dimensions: 800*850*2000mm (L*W*H) | | |

## AC*DC 3-IN-1 Charging Device

### Integration of AC and DC circuits.

A charger with three outputs, enabling simultaneous charging. One AC connector: Type 2, with a maximum output of 22kW. Two DC connectors: CCS1/CCS2 and CHAdeMO, with a maximum output of 60kW.

### Versatile Choice

Optional POS terminal for contactless credit card payment with high protection class IP54 for application operation or RFID authentication or plug and play, optional IP65.

### Intelligent Management

Ethernet/4G/Wi-Fi communication, CMS with App Smart operation, and cashless payment all support the OCPP communication protocol.

### Trustworthy

A Type A Residual Current Device for leakage current protection, MID certified AC meter, and PTB certified DC meter designed for the Advanced Plug&Charge feature in accordance with ISO15118.





ONESA
AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

| Model | YLEV60K-D7 | | |
|---|---|---|---|
| Specifications | | | |
| Maximum power input | 60kW | | |
| Voltage Input | 400VAC±10%-50/60Hz-3phase | | |
| Power factor | ≥0.98 | | |
| Max. Output Power and Output Voltage Range of Charger Model | Alternating Current Output 22KW 400V±10% | CCS2 60-kilowatt 250-1000-volt DC | CHAdeMO 60KW 200-500VDC |
| Current Output Range | 0-32A | 0-120A | 0-120A |
| productivity | >99% | >95% | >95% |
| Standard connection | EN 61851-1:2019 | IEC/EN 61851 62196 | CHAdeMO 1.0 |
| Type of Connector | Type 2 5M | CCS2 5-7M | CHAdeMO 5-7M |
| Metering of Energy | PTB certification | MID certification | PTB certification |
| Communication | Ethernet/4G/Wi-Fi/OCPP 1.6J (optional) | | |
| Interface | 7-inch LCD Touch Screen with RFID Card and Mobile App | | |
| Security architecture | Over/under voltage protection, overload protection, current leakage protection, grounding protection, and lightning surge protection. | | |
| RCD | Select Type A or Type B (optional). | | |
| Physical Characteristics | | | |
| Warranty | 2 years | | |
| Cooling | IP54 Air-Cooled | | |
| IP Rating | | | |
| Sound, Noise, | Sound level of 70 decibels in | | |
| Operating Temperature | both directions. -20°C to +50°C | | |
| Not | Maximum 95% (unregulated) | | |
| Dimensions of the Product | dimensions of 750*770*1900mm. | | |
| Dimensions of the package | Wooden packaging dimensions: 800*850*2000 mm (L*W*H) | | |

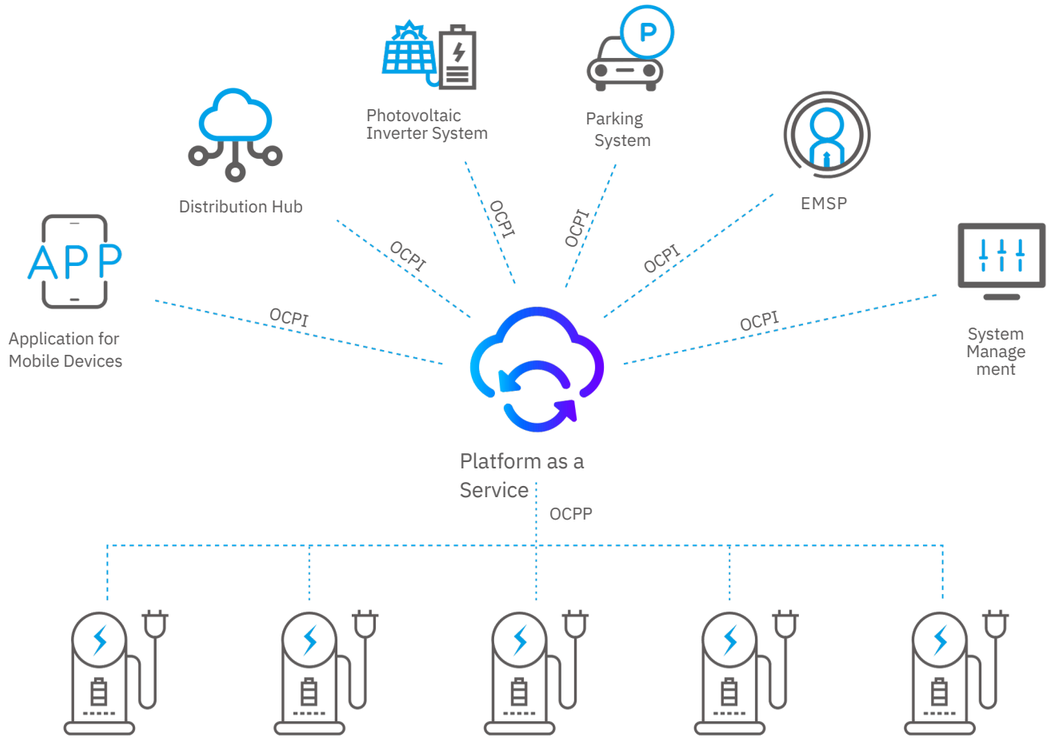
# Platform as a Service

Committed to advancing the future of e-Mobility through the provision of the most open, secure, and resilient charging network available. Cloud
A server-based charging platform enables charger owners to personalize their chargers to align with their individual requirements.
All the necessary components for providing a comprehensive EV charging solution.
We offer.

- Management System: A centralized system for operator billing, charging point management, and charging service
  Charger registration, price management, firmware upgrade, remote diagnostics, and load balancing are all provided within a single capable system. monitoring. Status monitoring.

- Mobile Application: An application designed for electric vehicle drivers seeking charging services, providing information
  Initiating and terminating charging, as well as automatic billing, are user-friendly features.
  on pricing, locations, and availability.
- Interoperability can be achieved by e-Mobility Service Providers connecting with EV drivers through the open charge point

  interface protocol (OCPI).






ONESA
AUTOMATION | MACHINERY | ENERGY | LIGHTING SYSTEMS

# Application for Mobile Devices

The Charging App links electric vehicle drivers to charging stations, enabling them to effortlessly locate a charger and access charging services. Users can search for locations, monitor charges, and facilitate payments, all through their mobile phones.

### Registration of Account

Cellular telephone
number Simple registration with

### Search for Locations

For current charging
amenities Efficient search

### Charging Procedure

User Interface
Comfortable utilization


App Store  Google Play Store

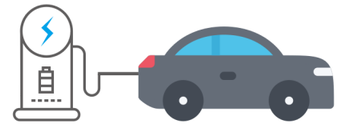
### Monitoring in Real Time

Battery consumption real-time
monitoring.presentation

### Payment without cash

Credit card similar to Nets and PayWay.
Mobile payment technology has revolutionized the way transactions are conducted, offering convenience and efficiency to consumers worldwide.

1. Download the application and register.



2. Connect the charging cable to the electric vehicle.

3. Scan the QR code to initiate charging.


4. Cease manual payments within the application and opt for automatic payment instead.