# iES-ICS Series: 60 kW ~ 180 kW

# EU Standard Integrated DC EV Charger




CE Certification

SAFE

STABLE

EFFICIENT

INTELLIGENT

## Product Introduction

The iES-ICS62111-60~iES-ICS62112-180 integrated EU Standard DC charging station is designed for applications requiring high protection and reliability. It features a complete range of functions, excellent performance, and is equipped with EU Standard interfaces. The integrated design meets IP54 standards, making it suitable for harsh environmental conditions. It also includes a user-friendly interface for ease of operation.

## Product Features

- Supports 2 CCS2 EU Standard plugs, charging mode 4, connection type C
- IP54 design, suitable for harsh environments, with high protection and reliability
- Supports OCPP 1.6J charging cloud platform
- Cable integration and retrieval system available at any time
- Ground installation for convenience and speed
- Easily configurable from 60kW to 180kW output power, DC 200V to 1000V voltage
- With safety features such as output contactors, fuses, EPO (Emergency Power Off), SPD (Surge Protection Device), RCD (Residual Current Device), and insulation detection
- User-friendly interface with a 7.0-inch touch screen
- Suitable for various charging scenarios: convenience stores, shopping centers, parking lots, car dealerships, highways, etc.
- Internal high-precision DC energy meter
- Ethernet, Wi-Fi, 4G support, RFID authorization, and mobile app payment capabilities

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## Technical Specifications

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|---|---|---|---|---|---|---|---|---|---|
| Basic Data | Product Name | EU Standard Wallbox AC EV Charger | | | | | | | |
| | Models | iES-ICS6260E | iES-ICS6280E | iES-ICS62120E | iES-ICS6260E | iES-ICS6280E | iES-ICS62120E | iES-ICS62160E | iES-ICS62180E |
| | Rated Power | 60 kW | 80 kW | 120 kW | 60 kW | 80 kW | 120 kW | 160 kW | 180 kW |
| | Shell Material | Galvanized Steel | | | | | | | |
| | Installation Method | Floor Mounted | | | | | | | |
| | Cable Length | 5 m (Customizable) | | | | | | | |
| | Connector Type | CCS2 ×1 / ×2; Optional: CCS2 ×1 + GB/T ×1; Optional: GB/T ×1 / ×2 | | | | | | | |
| | User Interface | 7-Inch LCD Touch Screen, LED indicator light, Emergency stop button | | | | | | | |
| Input | AC Input Voltage | 400V AC ± 10%, 3P + N + PE | | | | | | | |
| | Input Frequency | 50 Hz / 60 Hz | | | | | | | |
| | Input Current/Per Phase | 92 A | 124 A | 186 A | 92 A | 124 A | 186 A | 248 A | 276 A |
| | Power Factor | ≥ 0.98 | | | | | | | |
| | Efficiency | ≥ 98% | | | | | | | |
| | THDi | ≤ 5% | | | | | | | |
| Output | Output Voltage | 200 V DC ~ 1000 V DC | | | | | | | |
| | Maximum Output Current | 250 A/Gun | | | | | | | |
| | Charge Mode | Mode4 | | | | | | | |
| | Voltage Accuracy | ≤ 0.5% | | | | | | | |
| | Current Accuracy | ≤ ± 1% | | | | | | | |
| | Ripple Factor | ≤ ± 0.5% | | | | | | | |
| Protection | Comprehensive Protection | Grounding Protection, Short Circuit Protection, Surge Protection, Overheat Protection<br>Overload Protection, Current Leakage Protection, Over Voltage Protection, Under Voltage Protection | | | | | | | |
| Network | Network Interface | Ethernet / 4G | | | | | | | |
| Startup | Startup Method | Swiping RFID Card, Scanning QR Code | | | | | | | |
| Platform | Communication Protocol | OCPP 1.6 | | | | | | | |
| Working Environment | Protection Level | IP54 | | | | | | | |
| | Impact Resistance | IK08 | | | | | | | |
| | Working Temperature | (-25 ~ +50)°C | | | | | | | |
| | Storage Temperature | (-40 ~ +75)°C | | | | | | | |
| | Cooling Method | Intelligent Air Cooling | | | | | | | |
| | Relative Humidity | 5% ~ 95% RH | | | | | | | |
| | Altitude | ≤ 2000 m | | | | | | | |
| | Noise | < 65 dB | | | | | | | |
| Standard | Compliance Standard | EU Standard | | | | | | | |
| | Reference Standard | EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014 | | | | | | | |
| Warranty | After Sales Service and Warranty | 1. Two years warranty and online support of installation training and maintenance;<br>2. The price will increase by 5% for each one more year warranty (up to 5 years);<br>3. Technical response for remote processing, remotely upgrade software. | | | | | | | |


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