

For Any Technical Questions, Please Contact at info@nodesus.com

Product Name: DC EV Charger

Part Number:

Product Description:

DC 30KW-40KW

Application scenarios: private garage, residential area, open parking lot, unit parking lot, public charging station (bus, taxi, official car, sanitation car, logistics car), automobile operation company, battery replacement power station, etc. The advantages of Chaoji fast charging are high charging power and fast charging speed, which can bring faster charging experience to electric vehicle owners.

DC Charging Point 60KW-120KW-150KW

Application scenarios: private garage, residential area, open parking lot, unit parking lot, public charging station (bus, taxi, official car, sanitation car, logistics car), automobile operation company, battery replacement power station, etc. The advantages of Chaoji fast charging are high charging power and fast charging speed, which can bring faster charging experience to electric vehicle owners.

Specification

| | | |
|--------------------------|------------|--|
| 30KW/40KW DC EV Charger | 30KW/40KW | AC Input Voltage:304V-485V 50/60 HZ DC Output Voltage:150V-1000V DC Output Current:0-133A Ouput Power:40KW Dimension:470*300*150mm Compatible with car brand: Audi e-tron、BMW i3、VW e-GOLF、VW ID.3、Tesla DUAL MOTOR、MG、JAJUAR、KIA、HYUNOAI KONA、Renault Zoe、Peugeot 208EV |
| 60KW/120KW DC EV Charger | 60KW/120KW | AC Input Voltage:304V-485V 50/60 HZ DC Output Voltage:150V-1000V DC Output Current:0-200A/0-400A Ouput Power:60KW/120KW Dimension:700*800*1880mm Compatible with car brand: Audi e-tron、BMW i3、VW e-GOLF、VW ID.3、Tesla DUAL MOTOR、MG、JAJUAR、KIA、HYUNOAI KONA、Renault Zoe、Peugeot 208EV |

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**F5 intelligent full section constant power DC charging pile
F5-DC1000V-30KW/A**



Super high efficiency of the whole pile > 95.5%.

Super charging and super quiet < 50dB



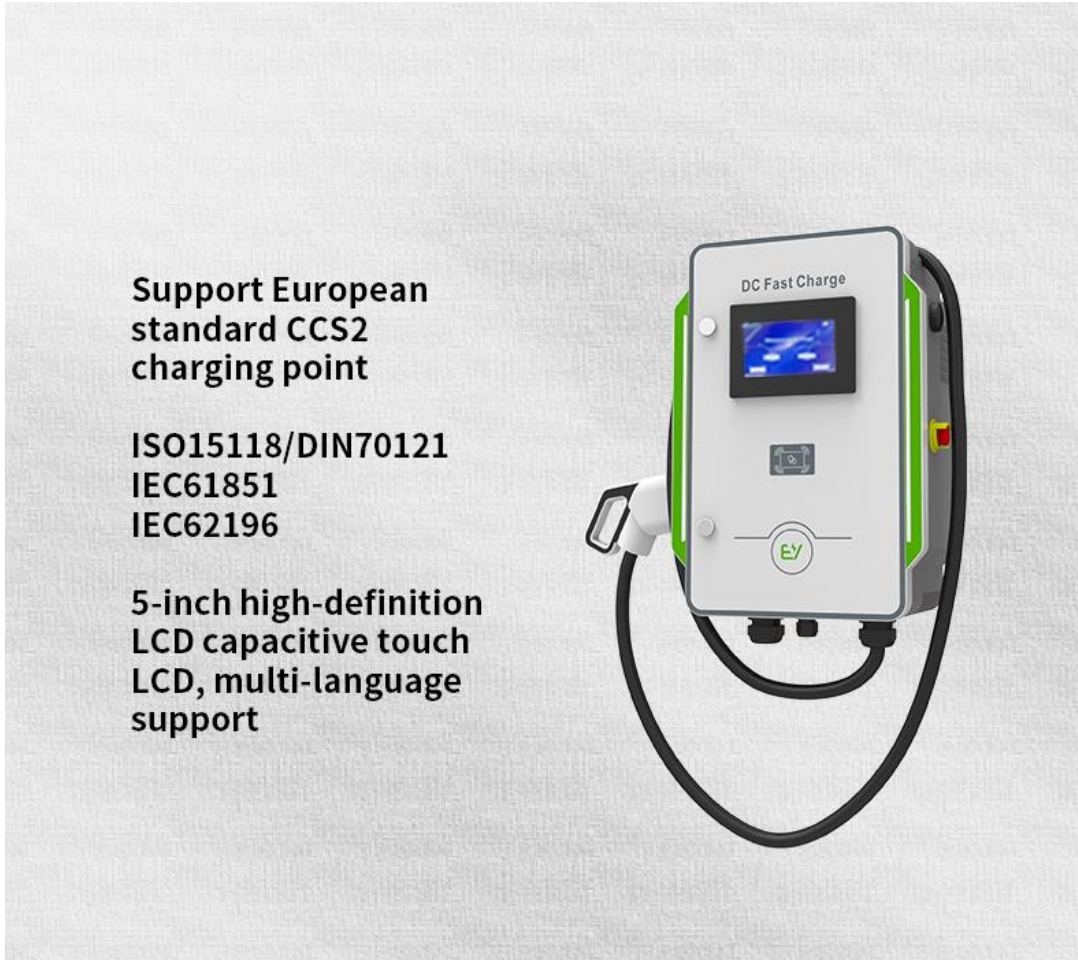
RFID, Plug and Charge, QRCode

Wide voltage (200~1000V), wide current (0~100A) output

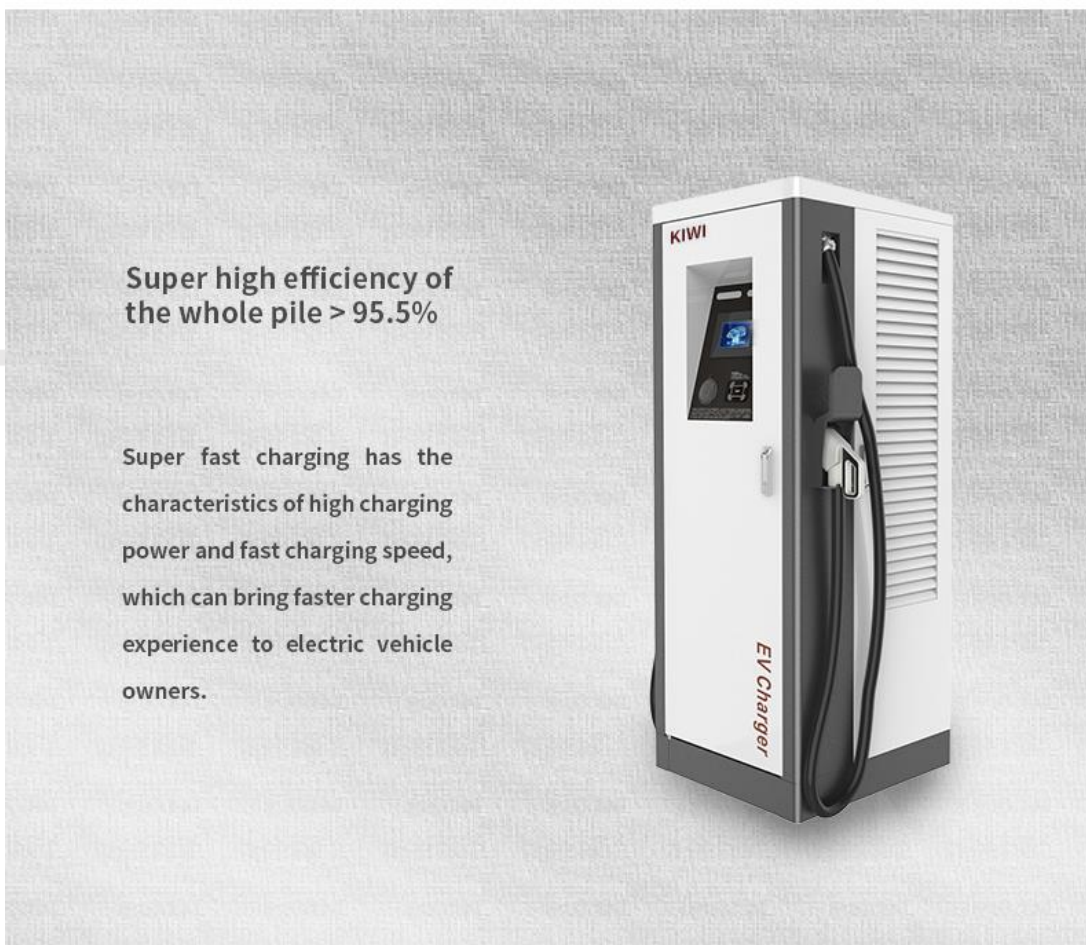
Wi-Fi/Ethernet/4G LTE ,Choose one of three ways to connect

Smart charging power distribution load management

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It is suitable for almost most models, meeting European standard, Japanese standard and American standard interfaces.

- A. Support European standard CCS2 charging point
- B. ISO15118/DIN70121, IEC61851, IEC62196
- C. 5-inch high-definition LCD capacitive touch LCD, multi-language support
- D. RFID, Plug and Charge, QRCode
- E. Wide voltage (200~1000V), wide current (0~100A) output
- F. Wi-Fi/Ethernet/4G LTE ,Choose one of three ways to connect
- G. Smart charging power distribution load management

Three plugs or double plugs, multiple mode combinations. The combination is as follows, replacing the front door cover can be converted into a dual plugs DC charging point.



| Mode | Version | Description | Plug picture |
|------|--------------------------|-------------------------|--|
| 1 | Double plug DC + plug AC | Double Plug CCS2 +Type2 |  |
| 2 | Double plug DC+ plug AC | Double Plug CCS1 +Type2 |  |
| 3 | Double plug DC | Double Plug CCS2 |  |
| 4 | Double plug DC | Double Plug CCS1 |  |

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| Model | 30KW | 40KW |
|---------------------------------|--|--------|
| Input current range | 0~100A | 0~133A |
| Installation | wall-mounted | |
| Charging mode | Plug and Charge, RFID Swipe Card | |
| MTBF | ≥ 120kh | |
| Power-on input impulse current | ≤ Maximum input current 120% | |
| Input protection | Overvoltage, undervoltage protection, lightning protection, phase loss detection | |
| Input micro break | With AC30mA leakage micro-break | |
| Output current | DC 0~60A | |
| Output voltage | DC 200V~1000V | |
| Output current limit protection | YES | |
| Output short circuit protection | YES | |
| Stable current accuracy | ≤ ±0.5% | |
| Stable voltage accuracy | ≤ ±0.5% | |
| Ripple factor | ≤ ±0.5% | |
| Temperature Coefficient | ≤ ±0.2‰ | |
| effectiveness | ≥ 95% | |
| Power factor | ≥ 0.98 (Above 50% load) | |
| Working temperature | -30°C~+55°C; -40°C(±4°C) module start-up; derating use above 55°C; shutdown above 70°C | |
| storage temperature | -40° C~+80° C | |
| IP protection level | IP54 | |
| size | 460*670*270mm | |
| Wind tunnel | Bottom in top out | |
| cooling method | Smart air cooling | |
| Mounting brackets | Aluminum alloy bracket | |
| Altitude | ≤ 2000m | |
| Noise | ≤ 60dB | |

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| Model | 60kw | 120kw | 150kw |
|--|--|---------|---------|
| Output current | 0 ~200A | 0 ~400A | 0 ~500A |
| Installation method | Floor-standing | | |
| Start-up and billing method | RFID 、 plug and charge 、 Scan QRCode | | |
| Power distribution mode | Standalone mode, Plug switch, Master-slave mode | | |
| Input voltage | Three phase AC 380V \pm 20% (ABC+N+PE) | | |
| Grid frequency | 50Hz \pm 10Hz | | |
| Power-on input impulse current | \leq Maximum input current 120% | | |
| Input protection | Overvoltage, undervoltage protection, lightning protection, phase loss detection | | |
| Input break | With AC30mA leakage plastic case | | |
| The output voltage | DC 200V~1000V | | |
| Steady flow accuracy | $\leq \pm 0.5\%$ | | |
| Stabilization accuracy | $\leq \pm 0.5\%$ | | |
| Ripple factor | $\leq \pm 0.5\%$ | | |
| Temperature Coefficient | $\leq \pm 0.2\%$ | | |
| effectiveness | $\geq 95\%$ | | |
| Power factor | ≥ 0.98 (Above 50% load) | | |
| Export insurance | 250A | | |
| Working temperature | -40 $^{\circ}$ C~+65 $^{\circ}$ C | | |
| storage temperature | -40 $^{\circ}$ C~+80 $^{\circ}$ C | | |
| IP protection level | IP54 | | |
| Equipment size | 700*800*1880mm | | |
| Wind tunnel | Side in side out | | |
| cooling method | Wind cooling | | |
| Base | Steel base | | |
| altitude | ≤ 2000 m | | |
| noise | ≤ 55 dB | | |
| Charging connection method | Connection method C | | |
| Plug standard | European standard CCS2 American standard CCS1 | | |
| Executive standard (European standard) | IEC61851, IEC62196, ISO15118 | | |
| Cable length | 5m | | |