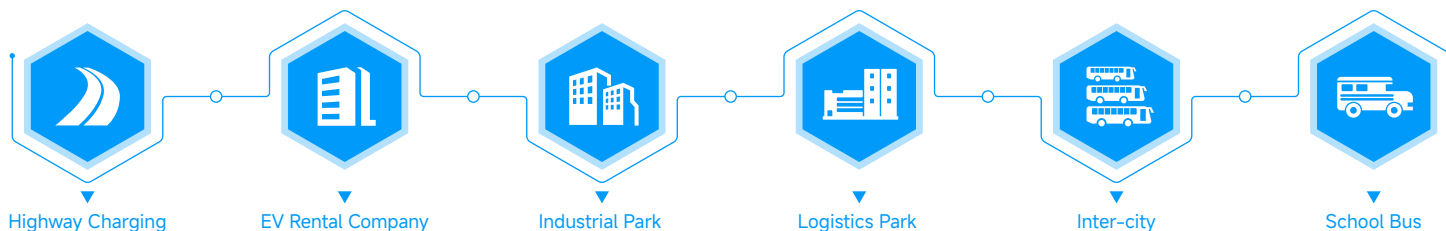


30kW Wall Box DC EV Charger for Residential Scenarios

Scenarios



Features

Intelligent & Efficient

- Up to 96% efficiency
- Smart charging and full configuration
- Smart load management
- ISO15118 PnC
- Smart authentication, plug&charge/RFID card/App management

Flexible & Convenient

- Wide output range(150 ~ 1000Vdc)
- Wi-Fi, 4G, Bluetooth, GPS, Ethernet, RS485, RS232 connectivity
- Easy-to-install and commissioning
- Scheduled charging at anytime and anywhere
- Remote diagnosis & OTA

Secure & Reliable

- EMC Class A
- Segregated ventilation
- Type 4X protection
- Build in RCD(Optional)
- Rich hardware and software protection

Attractive & Durable

- 10.1" high resolution touch screen and IK10 design
- Stylish and elegant design
- >8 years design life



Appearance



Specification

Input	
Grid Connection	
Voltage Range	
Rated Frequency	
Power Factor	
Maximum Input Current	
Output	
Rated Value	
Rated Power	
Voltage Range	
Current Range	
System	
Maximum Efficiency	
Charging Connector	
Cable Length	
RFID Reader	
Authorization Mode	
Communication	
Display	
Protocol	
Safety	
Ingress Protection Rating	
Impact Protection	
Protection	
Certification	
Certification Standards	
Warranty	
Environment	
Installation	
Operating Temperature Range	
Relative Humidity	
Operating Altitude	
Cooling	
Dimensions(W*H*D)	
Net Weight	
Gross Weight	

EVDC1-30K-C-US	
3W+N+PE, 3W+PE	
480Vac ± 10%	
60Hz	
≥ 0.99 (Rated Load)	
50A	
1000V / 30A	
30kW	
150Vdc ~ 1000Vdc	
0 ~ 100A	
>96%	
CCS1	
5.5m	
ISO 14443A / ISO 14443B	
Plug & Charge / RFID card / App	
Wi-Fi 2.4GHz/5GHz 802.11a/b/g/n, Bluetooth 5.2, 4G, FE 100Mbps, RS485, RS232	
10.1" high resolution touch screen, IK10	
OCPP 1.6J, OCPP2.0.X (Optional)	
Type 4X	
IK10	
Over current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection, Relay Welding Detection, Residual current protection(Optional)	
UL, Energy Star, FCC	
UL2202, FCC Part 15, Class B CSA C22.2 No.107.1, UL9741, UL1741	
2 years	
Wall-mounted / Pedestal-mounting / Movable cart (Optional)	
-35℃ ~ 50℃ (>50℃ derating)	
5% ~ 95% RH	
<2000m	
Forced Air Cooling	
672*682*229mm	
≈ 65kg	
≈ 85kg	