

30kW Wall Box DC EV Charger Series for Commercial Scenarios

Appearance







Scenarios

EV CPOs

Grid Company

Fleets

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



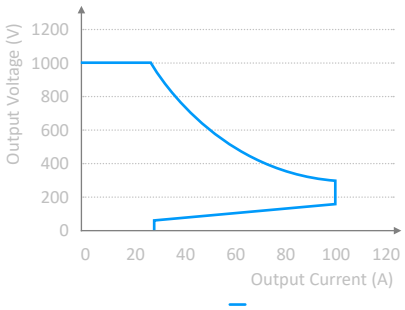
Secure & Reliable

- EMC Class A
- Segregated ventilation
- IP65 protection
- Build in RCD(Optional)
- Rich hardware and software protection

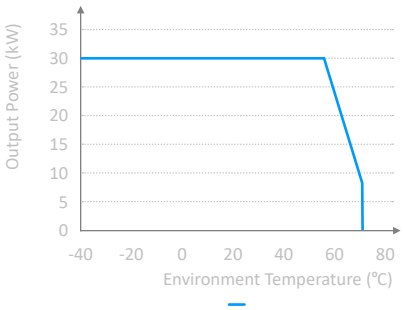
Attractive & Durable

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

Performance Curves



Output I-V Curve



Temperature Derating Curve

Specifications

Model	EVDC1-30K-C-EU
Input	
Grid Connection	3W+N+PE, 3W+PE
Voltage Range	400Vac ± 15%
Rated Frequency	50Hz
Power Factor	≥0.99 (Rated Load)
Maximum Input Current	60A
Output	
Rated Value	1000V / 30A
Rated Power	30kW
Voltage Range	150Vdc - 1000Vdc
Current Range	0 - 100A
System	
Maximum Efficiency	>96%
Charging Connector	CCS2
Cable Length	5.5m
RFID Reader	ISO 14443A / ISO 14443B
Authorization Mode	Plug & Charge / RFID card / App
Communication	Wi-Fi 2.4GHz/5GHz 802.11a/b/g/n, Bluetooth 5.2, 4G, FE 100Mbps, RS485, RS232
Display	10.1" high resolution touch screen, IK10
Protocol	OCPP 1.6J, OCPP2.0.X (Optional)
Safety	
Ingress Protection Rating	IP65
Impact Protection	IK10
Protection	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)
Certification	CE,UKCA
Certification Standards	IEC 61851-1, IEC 61851-23 IEC 61000-1/3, IEC 61851-21 EN300 328, EN 301 489, EN 300 330, EN 62311
Warranty	2 years
Environment	
Installation	Wall-mounted / Pedestal-mounting / Movable cart (Optional)
Operating Temperature Range	-35°C - 50°C (>50°C derating)
Relative Humidity	5% - 95% RH
Operating Altitude	<2000m
Cooling	Forced Air Cooling
Dimension (W×H×D)	672×682×229mm
Weight	≈62kg