

EV AC Charger

Electric Vehicle Charger
22kW

WHES

OCPP 1.6

Protocol

Load Balancing

Intelligent application

PV Charging

Solar system

RFID Card

Versatile

Powered by
ECOS
ECOS Smart Home
From WHES



Versatile

- Customizable enclosure choice.
- Activated by RFID.
- Convenient back plate for easy cable access.

Intelligent

- Multi communications.
- App charging scheduling.
- Dynamic load balancing.

PV Compatible

- 0 emission PV charging.
- Seamless integration with PV systems.
- Adjustable current for optimized PV usage.

Safe & Convenient

- 30mA Type A + 6mA DC.
- Relay-sticking protection.
- Ergonomic and user-friendly enclosure design.

Contact Us

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Technical Specifications

Model	WH-ECA-223AUA
Input	
Power Supply	3P+N+PE
Rated Voltage	400 V
Rated Current	32 A
Frequency	50 / 60 Hz
Power Measurement Accuracy	2%
Output	
Output Voltage	400 V
Max. Current	32 A
Output Power	22
Basic Attributes	
Charge Connector	Type 2 Cable
Enclosure	PC943
Protuct Dimension (W*D*H)	226*164*374 mm
Cable Length	7 m
Installation	Wall-mount / Pole-mount
Interface	
LED indicator	Green / Yellow / Red
FRID Reader	MIFARE ISO / IEC 14443A
Start Mode	Plug to Charge / RFID card / App
Communication	
Wi-Fi	Standard
Bluetooth	Standard
3G/4G	Standard
Ethernet	Standard
Protocol	OCPP 1.6 Json
Secure and Safety	
RCD	30mA Type A + 6mA DC
Ingress Protection	IP65
Impact Protection	IK10
Electrical Protection	Over current protection, Residual current protection, Surge protection, Over / Under voltage protection, Over / Under frequency protection, Over temperature protection
Certification	CE / CB / RoHS / Reach / EN 303645, RCM
Certification Standard ¹	IEC 61851-1:2017, EN IEC 61851-1:2019, EN IEC 61851-21-2:2021, EN IEC 61000-6-1:2019, EN IEC 61000-6-3:2007+A1, EN 300 328 V2.2.2:2019, EN 300 330 V2.1.1:2017, EN 301 489-1 V2.2.3:2019, EN 301 489-3 V2.1.1:2019, EN 301 489-17 V3.2.0:2017, EN 62311:2020, BS 7671:2018+A2:2022
Environment	
Work Temperature	-30°C ...+50°C
Work Humidity	5%...95%
Work Altitude	≤2000 m
Package	
External Package	Carton

¹ For all standards refer to the certificates category on the WHES website.