


# EV Charger

Electric Vehicle Charger  
7-11kW

Seamless EV Charging,  
Powered by Your Home. 



Powered by  
  
ECOS Smart Home  
From WHES

## Flexible

- Optional cable/socket; supports wall-mount and pole-mount installation.
- Automatic switching between single-phase and three-phase.

## Friendly

- Streamlined design with a finely polished finish.
- Plug and play, easy installation.

## Safe

- IP65, indoor or outdoor application.
- Anti-welding protection.

## Smart

- Supports load balancing system control.
- Supports remote control and compatible with PV&BESS.

## Contact Us

[www.whes.com](http://www.whes.com)  
[service@whes.com](mailto:service@whes.com)



EV Charger

Technical Specifications

Model	WH-ECA-7.0	WH-ECA-11.0
Input		
Power Supply	1P+N+PE	3P+N+PE
Rated Voltage	230 V	400 V
Rated Current	32 A	16 A
Frequency	50/60 Hz	
Output		
Output Voltage	230 V	400 V
Max. Current	32 A	16 A
Output Power	7 kW	11 kW
User Interface		
Charge Connector	Type 2 cable (Type 2 socket optional)	
Cable Length	4 m	
Housing Material	Plastic PC940	
LED Indicator	Green/Yellow/Red	
RFID Reader	Mifare ISO/IEC 14443 A	
Start Mode	Plug&Play/RFID card/App	
Communication		
Wi-Fi	Wi-Fi (2.4 GHz)	
Bluetooth	Optional	
3G/4G	Optional	
Ethernet	Optional	
Protocol	OCPP 1.6J	
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	
Standard <sup>1</sup>	CE, EN/IEC 61851-1: 2019, EN/IEC 61000-6-1:2019, EN/IEC 61000-6-2:2019, EN/IEC 61000-6-4:2019	
Environment		
Installation	Wall-mount/Pole-mount	
Work Temperature	-30°C...+50°C	
3G/4G	5%...95%	
Ethernet	< 2000 m	
Dimension		
Product Dimension (W*D*H)	201*100*344 mm Cable Series 201*135mm*344 mm Socket Series	

<sup>1</sup> For all standards refer to the certificates category on the WHES website.