

# GOODWE

## HCA Series

AC Charger | Single Phase-7kW  
Three Phase-11/22kW

The GoodWe HCA EV Charger allows homeowners to use the energy drawn from PV rooftops to charge electric vehicles (EVs), providing a highly cost-effective and environmental-friendly option for fast charging of EVs at home. With a GoodWe HCA EV Charger paired with a PV and energy storage system, EVs can be charged for free with 100% surplus solar energy. Moreover, by integrating seamlessly with GoodWe's monitoring platform SEMS, the PV and charging systems can be managed with a single app, allowing homeowners to monitor, control, and optimize EV charging anywhere. Its compact and lightweight design makes it easy to install and maintain.



### Modern & User-friendly Design

- Easy to install and maintain
- Wall-mounted or pole-mounted design



### Superb Safety & Reliability

- Built-in 6mA DC residual current detection
- IP66 design for indoor/outdoor use



### Remote Control & Monitoring

- Intelligent monitoring & scheduling
- Manage PV and charging systems via SEMS



### Flexible & Adaptable Applications

- Compatible with all branded EVs
- Integrates with new & existing PV and storage systems



Technical Data	GW7K-HCA	GW11K-HCA	GW22K-HCA
<b>Input</b>			
Nominal Input Voltage (V)	230, L / N / PE	400, 3L / N / PE	400, 3L / N / PE
Nominal Input Current (A)	32	16	32
Nominal AC Grid Frequency (Hz)		50 / 60	
<b>Output</b>			
Nominal Output Power (W)	7000	11000	22000
Nominal Output Voltage (V)	230	400	400
Nominal Output Current (A)	32	16	32
Nominal Output Frequency (Hz)		50 / 60	
<b>Protection</b>			
Residual Current Protection		Integrated	
Overcurrent Protection		Integrated	
Short Circuit Protection		Integrated	
Overvoltage Protection		Integrated	
Over Temperature Protection		Integrated	
Ground Fault Protection		Integrated	
AC Surge Protection		Type III	
Emergency Power Off		Integrated	
<b>General Data</b>			
Operating Temperature Range (°C)		-30 ~ +55	
Relative Humidity		5% ~ 95% (Non-condensing)	
Max. Operating Altitude (m)		2000	
Cooling Method		Natural Convection	
User Interface		APP, LED	
Start Method		WLAN + APP	
Communication		Bluetooth, Wi-Fi	
Communication Protocols		GOODWE	
Weight (kg)	5	6	6
Dimension (W × H × D mm)		208 × 450 × 150	
Noise Emission (dB)		<20	
Standby Power (W)		<6	
Ingress Protection Rating		IP66 <sup>*1</sup>	
Output Cable & Connector		6m Cable IEC Type2	
Installation		Indoors or outdoors	
Mounting Method		Wall / Floor (With floor post)	
RCD		Type A + 6mA DC Fault Current Protection	
Certification		IEC61851-1-2017, IEC 62955, CE, UKCA	

\*1: Ingress Protection Rating: Charging Plug IEC type 2 is IP55.

\*: Please visit GoodWe website for the latest certificates.