

GOODWE

HCA Series

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

With rising energy prices and lower feed-in-tariffs, solar system owners are now looking to maximise self-consumption and back-up of PV power, by combining GoodWe inverters and our Lynx Home Series battery options for a smart and highly efficient energy storage system. Owners with an electric vehicle (EV) can expand their system even further by including a GoodWe EV Charger to maximise their energy independence.



Modern & User-friendly Design

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



Superb Safety & Reliability

- Built-in Type II SPD
- 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
Input			
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	
Output			
Nominal Output Power (W)	7000	11000	22000
Nominal Output Voltage (V)	230, L / N / PE	400, 3L / N / PE	400, 3L / N / PE
Nominal Output Current (A)	32	16	32
Nominal Output Frequency (Hz)		50 / 60	
Protection			
Residual Current Protection		6mA DC	
Overcurrent Protection		Integrated	
Short Circuit Protection		Integrated	
Overvoltage Protection		Integrated	
Over Temperature Protection		Integrated	
Ground Fault Protection		Integrated	
AC Surge Protection		Type II	
Emergency Power Off		Integrated	
General Data			
Operating Temperature Range (°C)		-30 ~ +50	
Relative Humidity		5% ~ 95% (Non-condensing)	
Max. Operating Altitude (m)		2000	
Cooling Method		Natural Convection	
User Interface		LED	
Start Method		APP	
Communication		Bluetooth + WiFi	
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 ^{*1}	
Output Cable & Connector		6m Cable (5m Optional) IEC Type2	
Installation		Indoor or Outdoor	
Mounting Method		Wall or Floor (With floor post Optional)	
RCD ^{*2}		Type A (30mA, Optional, External)	
Certification		IEC61851-1-2017, IEC 62955 ^{*2} , CE, UKCA	
Country of Manufacture		China	

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

*2: To achieve IEC62955, Type A (30mA) RCD must be installed. Customers can purchase from GW or third party manufacturer.

*: Please visit GoodWe website for the latest certificates.