

# ELECTRIC VEHICLE CHARGERS

## GOODWE EV CHARGER

7KW SINGLE PHASE & 22KW THREE PHASE | EV CHARGER



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 the 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.

Systems can be wall-mounted or pole-mounted design.

## How you benefit:



### MODERN & USER-FRIENDLY DESIGN

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



### REMOTE CONTROL & MONITORING

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



### SAFE OPERATION

- Built-in Type II SPD.
- IP66 design for indoor/outdoor use.



### INNOVATIVE

Integrates with new & existing GoodWe PV and storage systems.



### SOLAHART WARRANTY

Enjoy a 2-year warranty, for peace of mind.\*

Technical Data	GW7K-HCA	GW22K-HCA
<b>Input</b>		
Nominal Input Voltage (V)	230, L / N / PE	400, 3L / N / PE
Nominal Input Current (A)	32	32
Nominal AC Grid Frequency (Hz)	50 / 60	50 / 60
<b>Output</b>		
Nominal Output Power (W)	7000	22000
Nominal Output Voltage (V)	230, L / N / PE	400, 3L / N / PE
Nominal Output Current (A)	32	32
Nominal Output Frequency (Hz)	50 / 60	50 / 60
<b>Protection</b>		
Residual Current Protection	6mA DC	6mA DC
Overcurrent Protection	Integrated	Integrated
Short Circuit Protection	Integrated	Integrated
Overvoltage Protection	Integrated	Integrated
Over Temperature Protection	Integrated	Integrated
Ground Fault Protection	Integrated	Integrated
AC Surge Protection	Type II	Type II
Emergency Power Off	Integrated	Integrated
<b>General Data</b>		
Operating Temperature Range (°C)	-30 ~ +50	-30 ~ +50
Relative Humidity	5% - 95% (Non-condensing)	5% - 95% (Non-condensing)
Max. Operating Altitude (m)	2000	2000
Cooling Method	Natural Convection	Natural Convection
User Interface	LED	LED
Start Method	APP	APP
Communication	Bluetooth + WiFi	Bluetooth + WiFi
Communication Protocols	GOODWE	GOODWE
Weight (kg)	5	6
Dimension (W × H × D mm)	208 × 450 × 150	208 × 450 × 150
Noise Emission (dB)	<20	<20
Standby Power (W)	<6	<6
Ingress Protection Rating	IP66 <sup>1</sup>	IP66 <sup>1</sup>
Output Cable & Connector	6m Cable (5m Optional) IEC Type2	6m Cable (5m Optional) IEC Type2
Installation	Indoor or Outdoor	Indoor or Outdoor
Mounting Method	Wall or Floor (With floor post Optional)	Wall or Floor (With floor post Optional)
RCD <sup>2</sup>	Type A (30mA, Optional, External)	Type A (30mA, Optional, External)
Certification	IEC61851-1-2017, IEC 62955 <sup>2</sup> , CE, UKCA	IEC61851-1-2017, IEC 62955 <sup>2</sup> , CE, UKCA
Country of Manufacture	China	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.

\*Refer Solahart Warranty for details of the product warranty and Solahart Owner's Guide & Installation Instructions for installation details.

Specifications and designs included in this data sheet are subject to change without notice.

Solahart Australia 1300 769 475 | [solahart.com.au](http://solahart.com.au)

Reorder code: SHSD/GWEV

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