

GodWe EV Charger GW22K-HCA-20 MID Meter 11&22kW

Product code: GoodWe EVChargerGW22K-HCA-20MIDMeter11&22kW



GoodWe GW22K-HCA-20 MID – Smart EV Charger with Solar Energy Support 11/22kW

The GoodWe GW22K-HCA-20 is a modern three-phase AC charger with a power of 11 kW or 22 kW, designed for both home users and commercial solutions. By integrating with a photovoltaic installation and an energy storage system, the charger maximizes the use of free, surplus solar energy, reducing electric vehicle operating costs to almost zero. Its compact, waterproof design and remote control make it an excellent choice for modern EV charging systems.

Product variants

Index	Price
GodWe EV Charger GW22K-HCA-20 MID Meter 11&22kW GoodWe EVChargerGW22K-HCA-20MIDMeter11&22kW	Product prices only visible after login. If you do not have an account, please register.

Product description

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Key Benefits:

Solar-powered charging – enables charging the vehicle with surplus PV energy, fully integrated with GoodWe's SEMS system.

Efficiency and versatility – available in 11 kW and 22 kW versions, compatible with all electric vehicle brands featuring a Type 2 socket.

Premium safety – comprehensive protection: overload, short circuit, overvoltage, over-temperature, and 6 mA DC leakage current detection.

Remote control and monitoring – SEMS mobile app, Wi-Fi, and Bluetooth provide full control over charging from anywhere.

Weather resistance – IP66 protection rating enclosure, suitable for indoor and outdoor installation.

Technical Specifications:

Input Power:

Input Voltage: 400 V, 3L / N / PE

Input Current: 16 A (for 11 kW) / 32 A (for 22 kW)

Frequency: 50 / 60 Hz

Output Parameters:

Nominal Power: 11,000 W or 22,000 W

Output Voltage: 400 V

Output Current: 16 A (11 kW) / 32 A (22 kW)

Output Frequency: 50 / 60 Hz

Protections:

Built-in Residual Current Device (Type A + 6 mA DC)

Protection against: Overload, short circuit, overvoltage, over-temperature, earth fault

Surge Protection: Type III

Emergency stop function

General Data:

Operating Temperature: -30°C ~ +55°C

Relative Humidity: 5% ~ 95% (non-condensing)

Maximum Operating Altitude: 2000 m above sea level

Cooling: Natural convection

User Interface: LED + mobile app

Communication: Wi-Fi, Bluetooth (GoodWe protocol)

Noise Level: <20 dB

Standby Power Consumption: <6 W

Protection Class: IP66 (charging socket: IP55)

Plug and Cable: Type 2 (6 m)

Mounting: Wall-mounted or pole-mounted

Dimensions: 208 × 450 × 150 mm

Weight: 6 kg

Certifications: IEC 61851-1:2017, IEC 62955, CE, UKCA

Efficient and Eco-Friendly Charging with GoodWe

By choosing the GoodWe GW22K-HCA-20 charger with a certified MID meter, you're investing in smart, eco-friendly, and safe electric vehicle charging. Ideal for integration with PV installations, it guarantees savings and control over energy consumption. Install it once – use it daily without compromise.
