



Charge your electric vehicle with GivEnergy's solar diverting 7kW EV Charger.

The EV Charger is a new member of the GivEnergy family. Compatible with most plug-in electric cars, the EV charger can be installed on its own, alongside a solar system, or with a GivEnergy battery system. It allows you to charge from excess generation, from the grid, and from your battery storage system.

Its compact and waterproof design allows for installation in tight spaces both indoors and outdoors. Integrated WiFi allows for easy control of your vehicle's charge via the GivEnergy Monitoring Portal or App.



### Plug and Play

Fast and easy installation. Monitor your Smart System on the move via our GivEnergy Monitoring Portal and App.



### App Controlled

Control your vehicle's charge via the GivEnergy Monitoring Portal and App. Manage your settings or set a schedule.



### Integrated PEN Fault Detection

No earth rod required for installation.



### Solar Diversion

Charge your vehicle from excess solar generation, from the grid, and from your battery storage system.

# EV Charger

## POWER SPECIFICATION

AC Input Rating	230V 1-phase 32A
AC Power Output Rating	7kW / 32A
Rated Frequency	50 / 60Hz
MCB Protection (Required)	32A Double Pole
AC Connection	3 Wire - Live/Neutral/Earth
Connector Type	IEC 62196-2 (Type 2)
Connector Mechanical Operating Life	≥10000 times

## USER INTERFACE AND CONTROL

Charging Control	Plug and Play, RFID Card, or App
Display	LED
Connectivity	LAN (RJ-45), WiFi and 4G (optional)
Charger Protocol	OCPP 1.6j

## ENVIRONMENT

Storage Temperature	-40 to 75°C ambient
Operating Temperature	-30 to 55°C ambient
Operating Humidity	Up to 95% non-condensing
Altitude	≤ 2000m
Cooling Method	Natural Cooling

## PROTECTION

Protection Class	IP65	Type B RCD Built-in	Yes
Over Voltage Protection	Yes	Under Voltage Protection	Yes
Over Load Protection	Yes	Short Circuit Protection	Yes
Earth Leakage Protection	Yes	Ground Protection	Yes
Over Temp Protection	Yes	Surge Protection	Yes

## GENERAL DATA

Dimensions	288H x 260W x 112D (mm)
Weight	4.5Kg
Charging Cable Length	5m
Enclosure Material	PC + ASA
Warranty	3 years
SKU	GIV-EV-7.2