



Electric Vehicle Home Charger

Electric Vehicles

Electric Vehicles (EV) and Plug-In Hybrid Electric Vehicles (PHEV) are the cars of the future. Along with their growth comes the requirement for the charging infrastructure to support them and for this, GARO EV Charging systems are the ideal choice. If you already have an EV or PHEV or looking to purchase one then the GARO Home Charger is ideal for your home or office as it allows for a charge time that is up to three times faster than charging through an ordinary 10A household socket. GARO are a world leading Swedish manufacturer of EV charging systems with market share in Sweden and throughout Europe, you can't go wrong with the famous Swedish design and quality.



Home Chargers

The GARO Home Charger has been developed in order to facilitate safe and efficient charging of electric vehicles in the home or in workplace car parks.

Applications:

- Ideal for home or holiday house
- Great for office / work parking for your employees
- Workshops / Garages
- Dealerships and Service locations
- Apartment car parks
- Commercial or hire car fleets

Features and Benefits

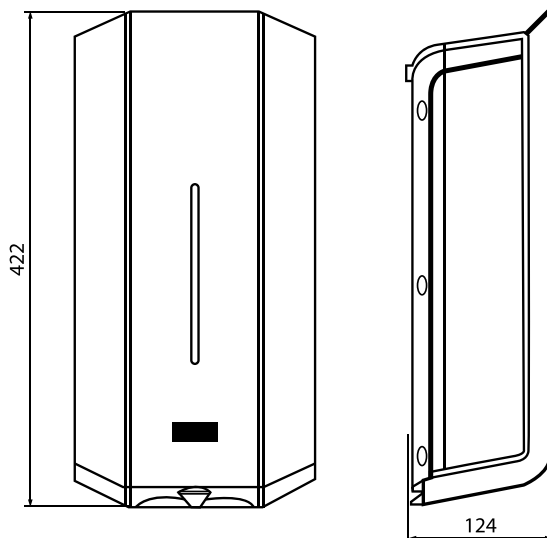
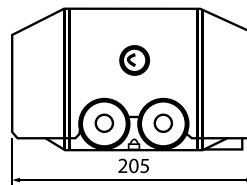
- ✓ Great design – Compact and stylish when wall mounted
- ✓ Easy to install – Cut-out template included, makes wall mounting simple
- ✓ Flexible options – Available in single or three phase
- ✓ Fast charging options – 3.7kW (1ph) to 22kW (3ph)
- ✓ Suits all EV types – Type 1 (J1772) or Type 2 (IEC62196) connections available
- ✓ 4 Colour LED – Fast and easy status indication
- ✓ Optional power meter - for measuring your energy usage
- ✓ Secure – Key lockable for access control
- ✓ Safe – Built in RCBO protection



Technical Data

Technical Data	Single Phase		Three Phase
Series	GHL-xx37yy	GHL-xx74yy	GHL-xx22yy
Nominal Input			
Phases	1ph + neutral + PE		3ph + neutral + PE
Voltage	230 VAC +/- 10%		400 VAC +/- 10%
Frequency	50Hz		50Hz
Input Current	16A	32A	32A
Input Power	3.7kVA	7.4kVA	22kVA
Nominal Output			
Voltage	230 VAC +/- 10%		400 VAC +/- 10%
Current	16A	32A	32A
Nominal Power	3.7kVA	7.4kVA	22kVA
Over Current	16A	32A	32A
RCD	30mA (Type A)		30mA (Type B)
General Specifications			
Standards	IEC61851-1, IEC61851-22, IEC TS 61439-7		
Charging	Mode 3		
Weight	With Socket : 3kg 3.8kg – 4.1kg with Cable and connectors		5.4kg with Cable and connectors
Plug Or Socket (xx / yy)	J1772 (Type 1) plug + 5m cable IEC 62196 (Type 2) plug + 5m Cable IEC 62196 (Type 2) socket		
T1 / FC			
T2 / FC			
T2 / WO			
Mounting	Wall mount		
Weight (H x W x D)	422mm x 205mm x 124mm		
Protection	IP44		
Operating Temperature	-25C - + 40C		
Options	MID Meter		
Accessories			
GLK1 T23A 230V	EV Cable Type1 to Type 2 32A / 230V		

Dimensions



**EU standard Type 2 (IEC 62196) Socket Outlet
OR Fixed Connector (max 400V / 63A / 43kW)**



**Type 1 (J1772) Fixed Connector
(max 230V / 32A / 7.4 kW)**