

Homecharging – for installation indoors and out

Homecharger

The Siemens Homecharger is a safe and reliable individual charging point for charging electric vehicles at home or in the workplace. With its compact, save-spacing, modern and attractive design, the Siemens Homecharger uses simple multi-coloured LEDs to display operational status with optional RFID for secure limited access and energy metering when used in areas of common energy supply.



Our units are designed to reflect the core product values of simplicity, durability and safety. Simple lines and compact form help the charger blend-in with the home and workplace environment, with the design intended to provide users with the assurance and confidence that vehicle charging is both simple and safe.

Available in a range of colours, this versatile Homecharger is easy to install and operate. Units have power output ranges up to 22kVA and a choice of fixed cable with plug (Type-1 or Type-2) or socket (Type-2) for safe and user-friendly charging of all compatible electric vehicles.

From multi-standard rapid charging to single outlet AC charging, Siemens provides an extensive portfolio of electric vehicle charging solutions. Our EV charging solutions are based on proven technology and are designed, manufactured and installed for long-term deployment and high levels of usage.

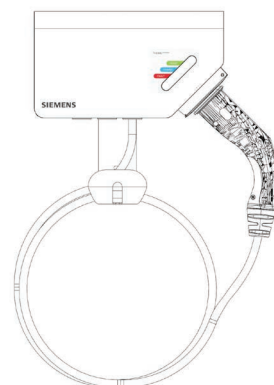


Siemens Homecharger highlights include:

- Single output from 3.7 kVA to 22 kVA
- Mode 3 charging; single or three phase
- Compact design, low cost and easy to use, both indoors and out (IP54)
- Optional power meter (MID certified)
- Optional RFID user authentication
- Available in 8 colours, with custom branding options

Technical Information

Technical data	CE			
Equip. Name	HC3	HC7	HC11	HC22
Nominal Input				
Phases / lines	1-ph + neutral + PE		3-ph + neutral + PE	
Voltage	230 Vac ± 10%		400 Vac ± 10%	
Frequency	50 Hz		50 Hz	
Input current	16 A	32 A	16 A	32 A
Input power	3,7 kVA	7,4 kVA	11 kVA	22 kVA
Nominal Output				
Voltage	230 Vac ± 10%		400 Vac ± 10%	
Current	16 A	32 A	16 A	32 A
Nominal power	3,7 kVA	7,4 kVA	11 kVA	22 kVA
Over current	20 A	40 A	20 A	40 A
RCD	30mA (Type A)		30 mA (Type A)	
General Specifications				
Equipment	Single AC output equipment			
Mounting	Wall mount			
Communication with EV	Pilot signal according to IEC61851			
Plug or socket	J1772 plug (with 5 m cable) IEC62196 Type-2 plug (with 5 m cable) IEC62196 Type-2 socket			
AC Human machine interface				
Display	Status by LED signal			
RFID system (optional)	Mifare classic for access control only			
MID meter (optional)	For local energy measurement			
Communication	None. Optionally as slave of a Efacec EV-Public Charger			
Place of installation	Indoor/Outdoor			
Altitude	Up to 1000m			
Protection degree	IP54 IK10			
Operating Temperature	-25 to +50 °C			
Storage temperature	-40 to +60 °C			
Humidity	5% to 95%			
Dimensions (W x D x H)	284 x 432 x 215mm		320 x 156 x 215	
Weight	6 Kg			



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