

# GREEN'UP HOME

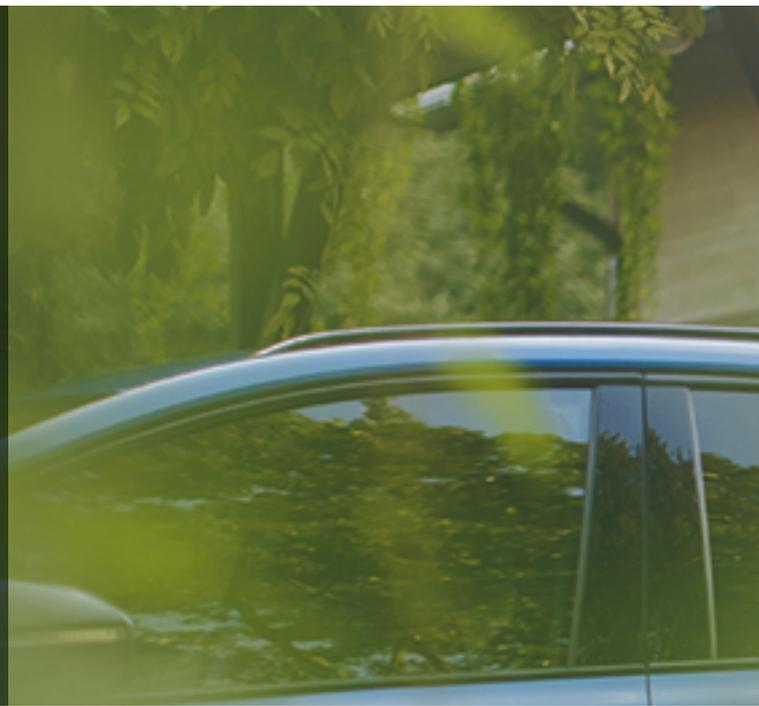
CONNECTED ELECTRIC VEHICLE CHARGING STATIONS

Scalability, safety and speed of installation

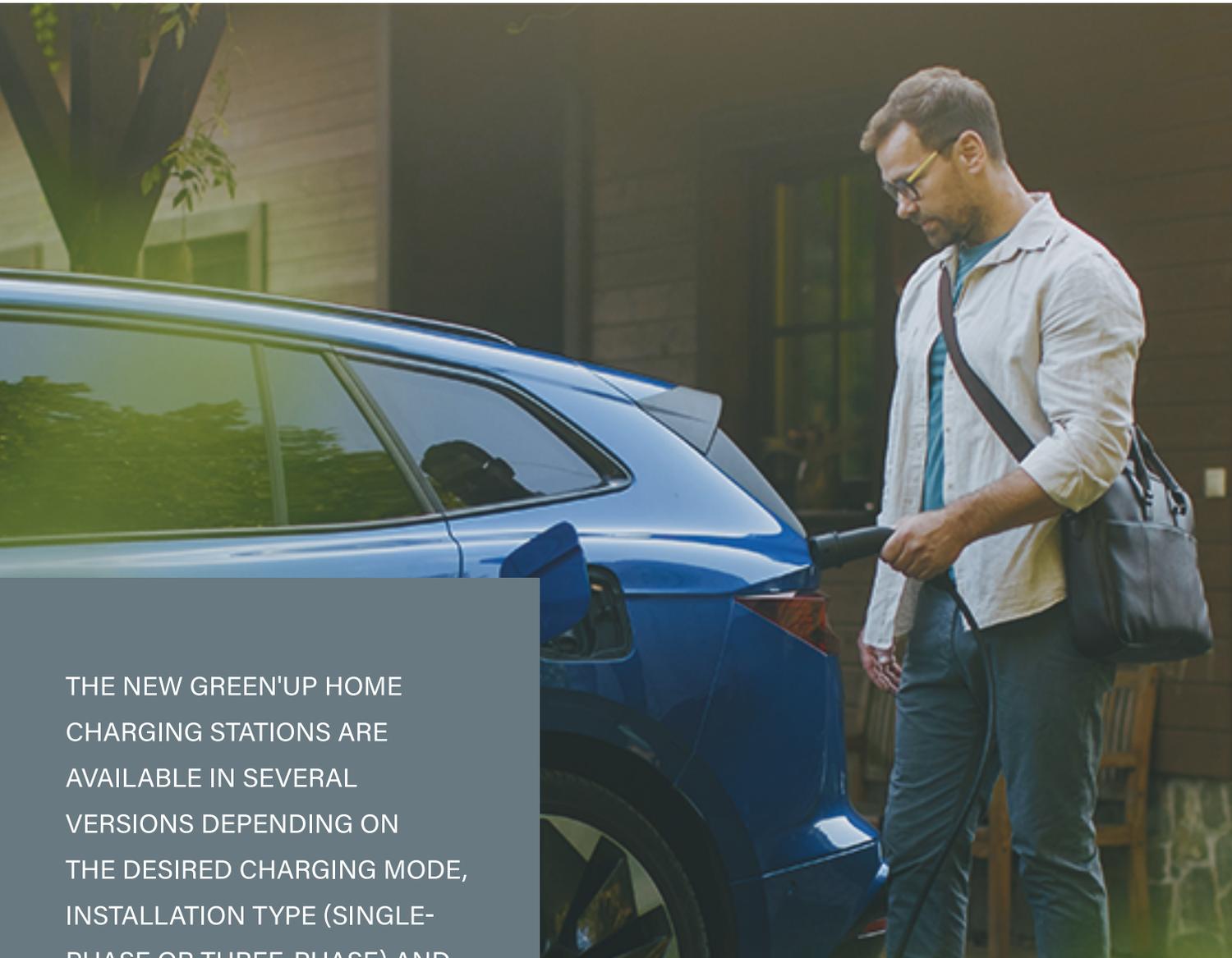


GREEN'UP HOME

# Solutions ideally suited to every type of use



Mode 3	Mode 2 + Mode 3	Mode 3
1 Type 2s socket	1 Type 2s socket + 1 Green'up 2P+E socket	Cable (5 m long) + 1 Type 2 plug
Single-phase (230 V ~/60 Hz) - 7.4 kW - 32 A - Adjustable power: 3.7/4.6/5.7/7.4 kW		
Three-phase (400 V ~/60 Hz) - 22 kW - 32 A - Adjustable power: 11/15/18/22 kW		
6 mA detection = built-in to limit risk of residual direct current		
Without built-in protection	Without built-in protection	With or without built-in protection (32 A 30 mA Type F RCBO)
IP 55 - IK 10		
Mounted on a wall or pedestal indoors or outdoors		
Conforms to IEC 61851-1, IEC 62191-1 and IEC 62196-2		



THE NEW GREEN'UP HOME CHARGING STATIONS ARE AVAILABLE IN SEVERAL VERSIONS DEPENDING ON THE DESIRED CHARGING MODE, INSTALLATION TYPE (SINGLE-PHASE OR THREE-PHASE) AND AVAILABLE POWER.



### IMPROVING LIVES MEANS CREATING A MORE SUSTAINABLE WORLD FOR EVERYBODY

As a specialist in electrical and digital building infrastructures, we offer global building solutions that are simple, innovative and sustainable, both in how they are used and designed.

#### PACKAGING

**100% recycled cardboard**

To limit the impact on the environment

#### SECOND LIFE

**Spare parts**

Product easy to take apart and repair

#### CONSUMPTION

**Configurable LEDs**

To reduce consumption and light pollution

#### ECO-DESIGN

**PEP and recycling sheet**

Accessible PEP sheets and dismantling instructions

Legrand's full CSR strategy is available online  
[www.legrandgroup.com](http://www.legrandgroup.com)



EASE OF USE

INCREASED SAFETY

# Charging stations

## Green'up Home Mode 2 and 3

### EASE OF USE

Internet connection via built-in WiFi or Ethernet cable (RJ 45 connector available on the charging station).



Manual override button for starting or stopping charging irrespective of the programme set.

3-colour LED strip indicating the charging status:

- Steady: charging station ready to charge
- Fade in/out: charging
- Flashing: charging station ready to charge (cable connected to the car) and awaiting authorisation (peak times/off-peak times, programming, etc)
- Steady or flashing: faulty



### INCREASED SAFETY

Green'Up Access heavy-duty 2P+E socket for Mode 2 charging. Vehicles detect the secure Green'up infrastructure and select the maximum power that can be supplied by the socket to reduce the charging time.



T2S socket with cover for charging in Mode 3. The cover protects the T2S socket when the charging station is not in use.



## Mode 2<sup>(1)</sup> + Mode 3

- IP 55<sup>(2)</sup> - IK 10
- Single-phase: 7.4 kW (adjustable)
- Three-phase: 22 kW (adjustable)

### INCREASED SAFETY

- 6 mA DC detection built-in to limit risk of residual direct current
- Conforms to IEC 61851-1, IEC 62191-1 and IEC 62196-2

• Software update in situ via Bluetooth: smartphone and Home + Control app



• Remote control, automatic updates, supervision of charging or integration in the Legrand connected home ecosystem: smartphone and Home + Control app



(1) Mode 2 depending on model  
 (2) Green'Up Access 2P+E socket, IP 54 with plug inserted



EASE OF USE

INCREASED SAFETY

# Charging stations

## Green'up Home Mode 3

### EASE OF USE

Internet connection via built-in WiFi or Ethernet cable (RJ 45 connector available on the charging station).



Manual override button for starting or stopping charging irrespective of the programme set.

3-colour LED strip indicating the charging status:

- Steady: charging station ready to charge
- Fade in/out: charging
- Flashing: charging station ready to charge (cable connected to the car) and awaiting authorisation (peak times/off-peak times, programming, etc)
- Steady or flashing: faulty



### EASE OF USE

The unit's rounded shape makes it easier to tidy away the cable when the charging station is not in use.

Integral support on which the plug or cable can rest when the charging station is not in use.



### INCREASED SAFETY

5 m long cable fitted with a T2 plug for charging in mode 3. The cover cap protects the T2 plug when the charging station is not in use.



## Mode 3

- IP 55 – IK 10
- Single-phase: 7.4 kW (adjustable)
- Three-phase: 22 kW (adjustable)

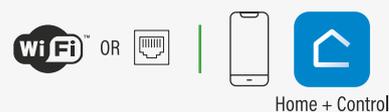
### INCREASED SAFETY

- 6 mA DC detection built-in to limit risk of residual direct current
- With or without built-in protection (32 A 30 mA Type F RCBO and shunt trip)
- Conforms to IEC 61851-1, IEC 62191-1 and IEC 62196-2

- Software update in situ via Bluetooth: smartphone and Home + Control app



- Remote control, automatic updates, supervision of charging or integration in the Legrand connected home ecosystem: smartphone and Home + Control app



INCREASED SAFETY

SAVES TIME

SIMPLE TO INSTALL

# Optimised wiring space and increased safety



SAVES TIME

Green'up Home charging stations are supplied disassembled, ready to be wired and installed.

FRONT: simply snaps in place on the charging station inside cover

COVER: ensures IP 55 ingress protection. Fixed with quick-pitch screws

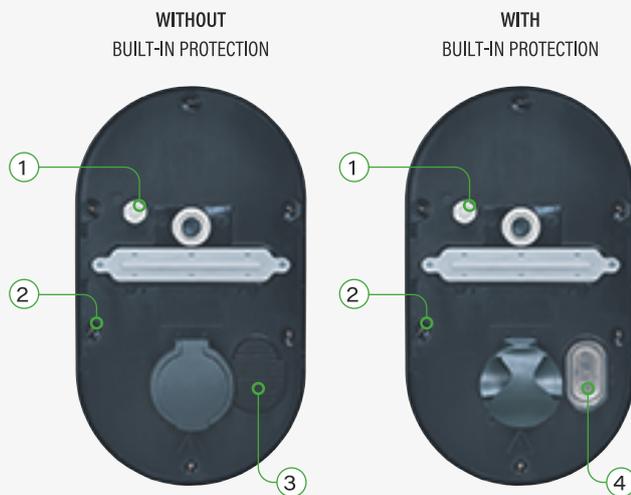
BASE: with or without built-in protection depending on the Green'up Home charging station model

METAL FIXING BRACKET: for a wall- or pedestal-mounted installation

INCREASED SAFETY

## A SECURE PLASTIC COVER

Once in place, the plastic cover restricts access by non-professional users to the charging station interior, to reduce the risks of accident through coming into contact with live parts (terminal block, circuit board, etc) or unauthorised intervention on the installation.



- 1 - RESET button to return to factory settings
- 2 - Fixing screws on the plastic cover compatible with a flat or Phillips screwdriver
- 3 - Blanking plate
- 4 - Flexible silicone membrane for switching the protective device (ON/OFF)

## A BASE THAT IS EASY TO WIRE UP WITH PLENTY OF ROOM

### SIMPLE TO INSTALL

Rotary selector switch for adjusting the power according to the installation.

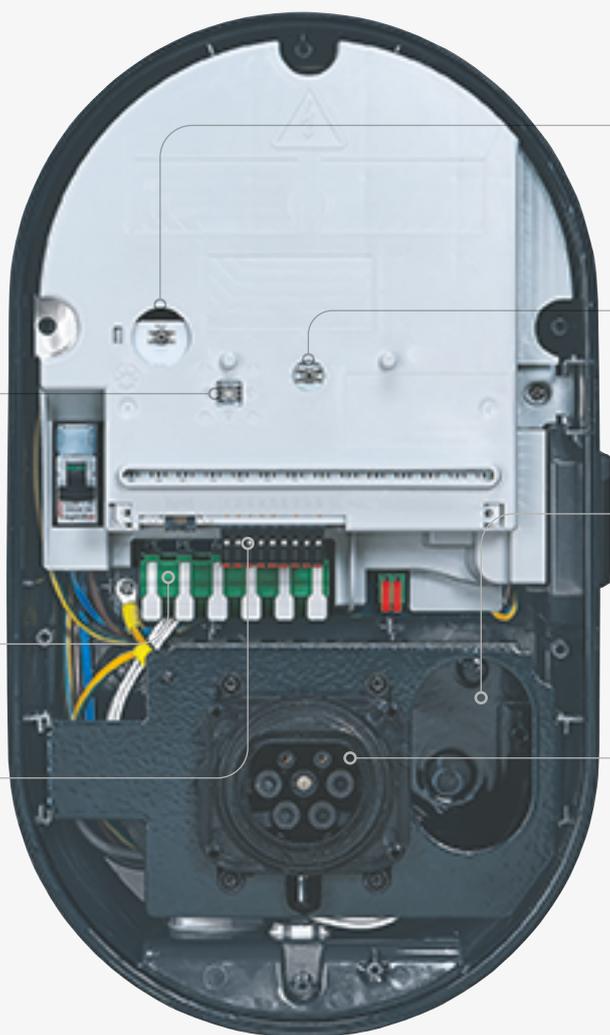


- 0 → 16 A
- 1 → 20 A
- 2 → 25 A
- 3 → 32 A

### SAVES TIME

Power supply terminal block connects automatically, for quick, safe connections. Capacity up to 10 mm<sup>2</sup>.

Terminal block for connection of signals (CIS, RS485, VOLT-FREE CONTACT). Each terminal is identified by a number and the terminal block can be removed to make wiring easier.



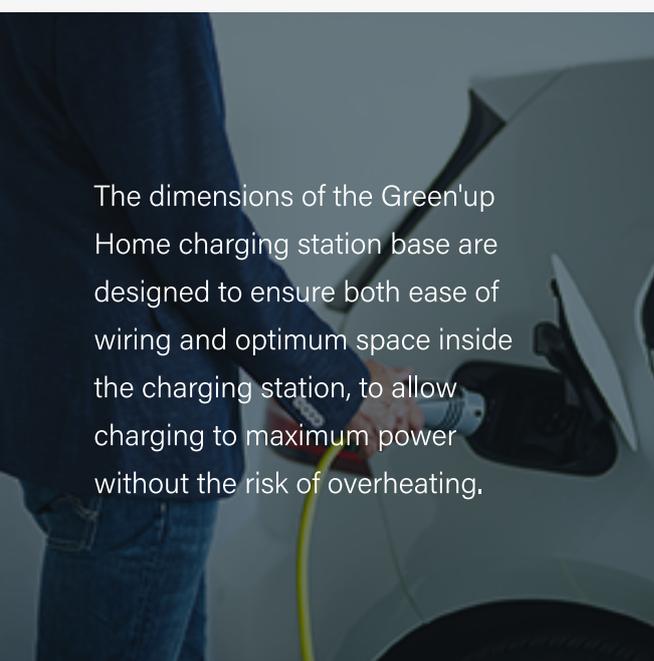
RESET button



Manual override button START/STOP

Dedicated slot for the prewired RCBO on charging stations with built-in protection. On charging stations without built-in protection, allows installation of other modular products (electricity meters, etc).

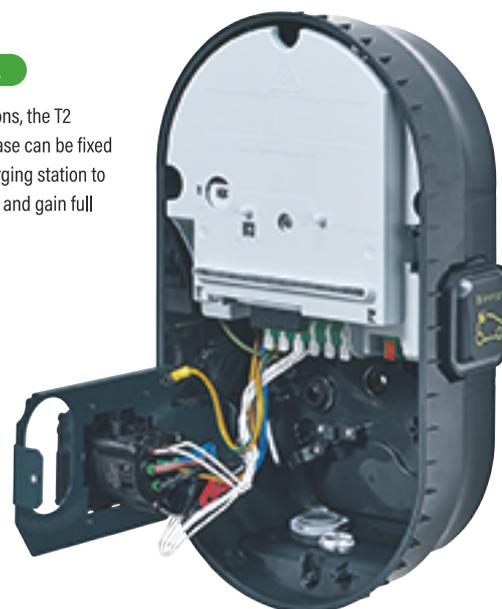
T2 socket with cover for charging in Mode 3, with "hands-free" base. By design, the charging station ensures sufficient distance between the T2 socket and the circuit board, to prevent any risk of electromagnetic disturbance.



The dimensions of the Green'up Home charging station base are designed to ensure both ease of wiring and optimum space inside the charging station, to allow charging to maximum power without the risk of overheating.

### SIMPLE TO INSTALL

During wiring operations, the T2 socket "hands-free" base can be fixed on the side of the charging station to make it easier to work and gain full access to the interior.



SAVES TIME

SIMPLE TO INSTALL

# Easy installation in no time at all

## Installation on a wall



Only 3 fixing points are required.

## Installation on a pedestal

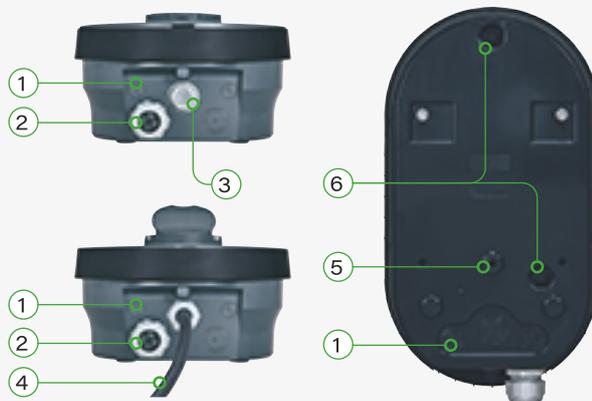


The metal pedestal can take up to 2 charging stations.

SAVES TIME

### CABLE ENTRIES

The charging station power supply adapts to the installation requirements. The pre-cut cable entries (ready for drilling with an appropriate tool) can be found either at the bottom of the charging station or at the rear. One or two cable glands are supplied with the charging station to ensure a perfect seal.



- 1 - Pre-cut cable entries
- 2 - Cable gland supplied with the charging station
- 3 - IP 55 Cabstop membrane gland
- 4 - 5 m long charging cable fitted with a T2 plug for charging in Mode 3 (on charging stations fitted with a cable)
- 5 - Fixing hole
- 6 - Ventilation holes to prevent overheating and condensation in the charging station

## METAL PEDESTAL

**SIMPLE TO INSTALL**

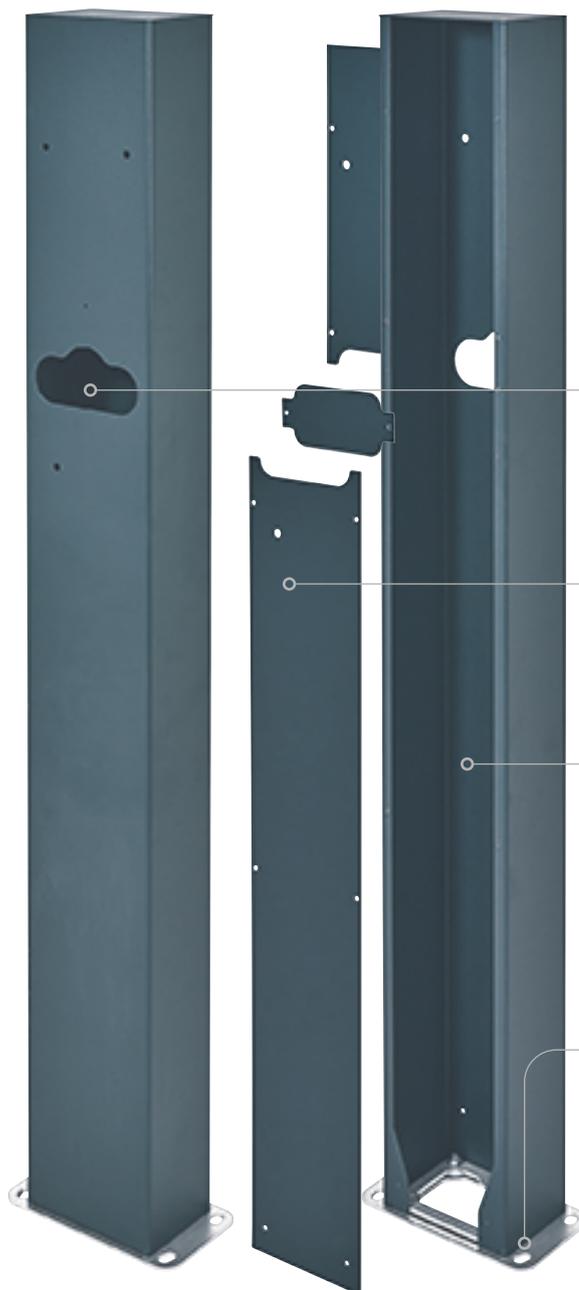
The metal pedestal Cat.No 0 570 57 can accept up to 2 charging stations, one on each side.

The generous space available, in addition to making it easy to access the pedestal interior, allows cables to be fed through and if necessary installation of a junction box up to 130 x 130 mm or a Plexo<sup>3</sup> cabinet with up to 4 modules.



Metal pedestal  
FRONT

Metal pedestal  
REAR



**SAVES TIME**

Pre-cut zone for cable feedthrough to the charging station

Removable metal faceplates (screw fixing) for total access to the charging station interior

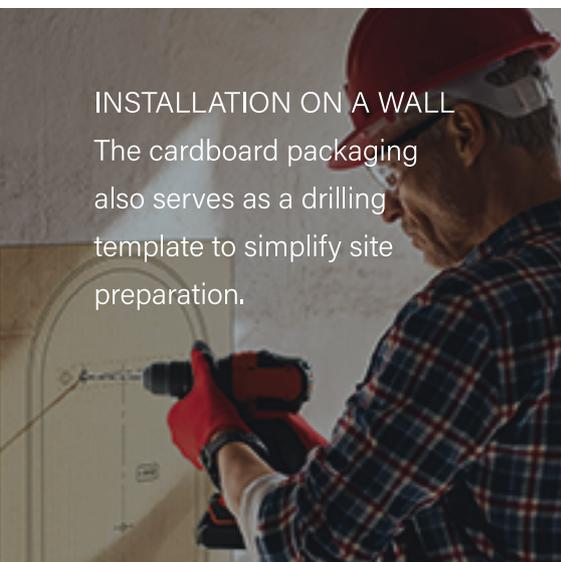
Plenty of room for cable feedthrough and integration of a junction box or a Plexo<sup>3</sup> cabinet

**SAVES TIME**

Identical fixing hole centres to the Green'Up Premium Plastic charging station pedestal. If necessary, this simplifies replacement.

## INSTALLATION ON A WALL

The cardboard packaging also serves as a drilling template to simplify site preparation.



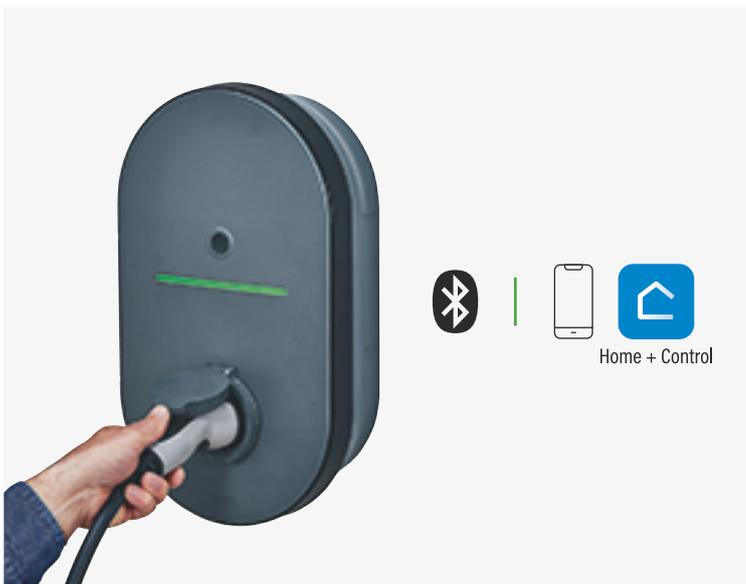
# A totally adaptable connected charging station

The Green'up Home charging station adapts easily to the user's requirements, allowing them to control electric vehicle charging via the charging station control panel or remote control, via internet, with a smartphone and the Home + Control app.

Once connected, the Green'up Home charging station allows remote control with a smartphone and activation of advanced functions such as programming, monitoring energy consumption, etc.



## 2 POSSIBLE SITUATIONS DEPENDING ON THE DESIRED SERVICE LEVEL:



### EASE OF USE

#### IN-SITU CONTROL

#### "STAND ALONE" INSTALLATION

##### Standard charging managed on the charging station

- Software update via the Home + Control app

##### Dynamic power management<sup>(1)</sup>

- Possible with an external electricity meter which measures the home's total electricity consumption.
- The Green'up Home charging station adjusts the charging current

##### Volt-free contact control

- Control possible via the dedicated volt-free contact using a programmable time switch, contactor, etc.

(1) Function currently in development, available soon.



CONNECTED PRODUCT

REMOTE CONTROL VIA INTERNET  
"CONNECTED CHARGING STATION"

**Remote control** (via internet on the Home + Control app)

- Remote charging control (Start and Stop)
- Programmable charging schedule (day/hour)
- Electricity consumption report (real-time and historic) in kWh and value
- Display of last charging consumption
- Software update (automatic)
- Display of last charging consumption
- Notifications
- LEDs go off when the charging station is not in use

**Volt-free contact control**

- Control possible via the dedicated volt-free contact using a programmable time switch, contactor, etc.

**Dynamic power management<sup>(1)</sup>**

- Possible with an external electricity meter which measures the home's total electricity consumption.
- The Green'up Home charging station adjusts the charging current according to the power available.



[SET UP](#)[MANAGE](#)[SEE INFORMATION](#)

## HOME + CONTROL

# A single app for the whole house

The Green'up Home charging station is controlled and consumption monitored via just one app: Home + Control, which is dedicated to Legrand and Netatmo connected devices.



Home + Control

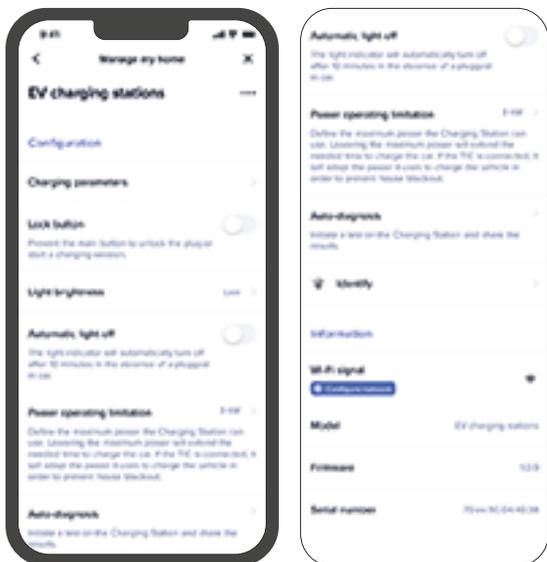
THE HOME + CONTROL APP IS COMPLETELY FREE AND AVAILABLE FROM THE APP STORE AND GOOGLE PLAY.



In addition to controlling Green'up Home charging stations, the app can be used to remotely control the lights, roller shutters, heating and electrical appliances (depending on which Legrand connected products are installed), using a smartphone and/or voice (via a voice assistant). It also gives users the option to personalise life scenes, schedule the operation of appliances, track consumption in detail and set alerts on a smartphone.

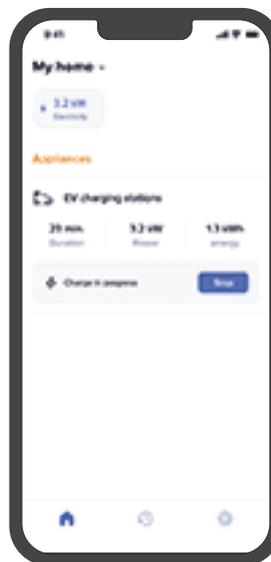
## CHARGING STATION SETUP AND CONTROL

### SET UP



**Charging station setup:** charging settings, remote locking, LED brightness control, LEDs off after 10 minutes of not being used (plug not inserted), limiting charging power, auto-diagnosis, WiFi setup, firmware version, model.

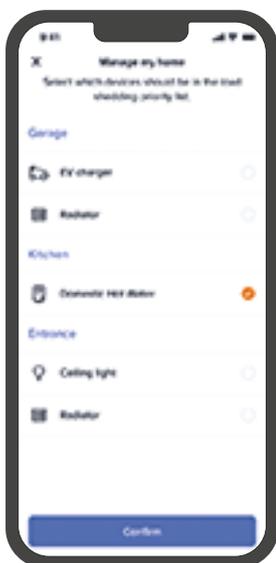
### SEE INFORMATION AND MANAGE



**Information and control:** real-time power consumption, electricity consumption, charging duration, start/stop charging cycle.

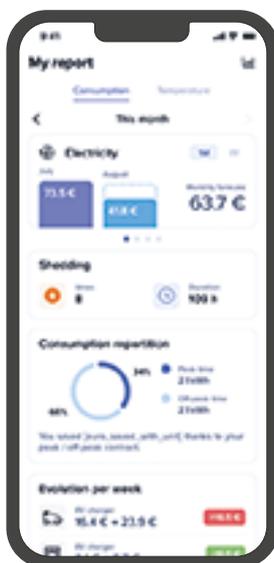
## INTEGRATION IN A LEGRAND CONNECTED HOME

### MANAGE



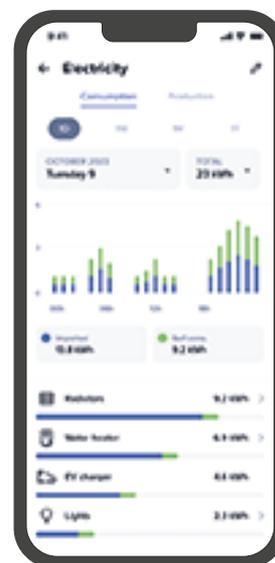
**Consumption management:** possible to integrate the charging station with Legrand connected modules, such as the CX<sup>3</sup> with Netatmo volt-free contact to prevent excessive consumption.

### SEE INFORMATION



**Monthly report:** electricity consumption, number of charges, average cost per charging cycle, breakdown of consumption (peak times/off-peak times), monthly changes in consumption.

### SEE INFORMATION



**Electricity consumption report for the house:** real-time and historic (day/week/month/year) in kWh and value for each type of use (heating, hot water, charging station, lighting) with a breakdown of energy from the grid and consumption of self-generated power (if the house has a PV installation).

# Green'up™ Home charging stations

for electric vehicle charging



Recommended for individual home installations

For charging all electric vehicles (equipped with single-phase and three phase chargers) and plug-in hybrids in Mode 2 or Mode 3 in complete safety  
Compliant with standards IEC 61851-1

Can be connected to a private internet access point (WiFi or Ethernet cable) for remote control through smartphone or tablet using the IOS or Android Home+ Control App.

Charging station connected to internet provide the benefits of several features embedded in Home + Control App. (i.e. remote control management, commissioning, scheduling, energy consumption), and can be integrated to a connected home thanks to connected module "with Netatmo" (for power modulation, photovoltaic charge optimization, etc)

Power adjustment possible: directly on the charging station or via Home + Control App.

Equipped with:

- LED indicating the status of the charge (green / blue / red / white)

Power supply directly from the electrical panel: 1 dedicated line protected by a RCBO

Remote ON/OFF control option via a contactor or a programmable time switch (volt-free contact input 12 V=)

Integrated DC detection: 6 mA =

Pack	Cat.Nos	Mode 3 charging stations
1	0 570 21	For charging 1 vehicle Equipped with a Type 2s socket (single -phase or three-phase operation) with shutters and pilot wire (Mode 3) IP 55 - IK 10 Wall mounting charging station Can be equipped with pedestal Cat.No 0 570 57 for fixing to the ground <b>7.4 kW - 32A single-phase (230 V – 50/60 Hz)</b> Power adjustment possible: - 3.7/4.6/5.7/7.4 kW - 16/20/25/32 A
1	0 570 22	<b>22 kW - 32 A three-phase (400 V – 50/60 Hz)</b> Power adjustment possible: - 11/15/18/22 kW - 16/20/25/32 A

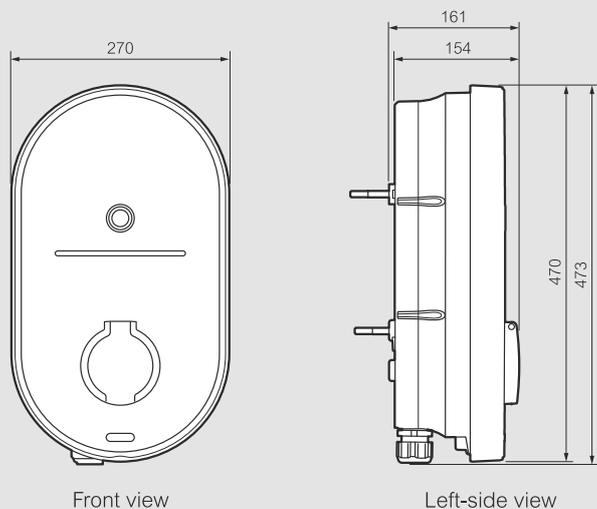
Pack	Cat.Nos	Mode 2 and 3 charging stations
1	0 570 35	For charging 1 vehicle Equipped with: - a 2P+E socket with Green'up Access safety shutter featuring the innovative Green'up system (a Legrand Group technology, which activates "maximum power" mode, ensuring fast, safe charging for 2P+E plugs - a Type 2s socket (single -phase or three-phase operation) with shutters and pilot wire (Mode 3) IP 55 - IK 10 Wall mounting charging station Can be equipped with pedestal Cat.No 0 570 57 for fixing to the ground <b>7.4 kW - 32A single-phase (230 V – 50/60 Hz)</b> Power adjustment possible: - 3.7/4.6/5.7/7.4 kW - 16/20/25/32 A
1	0 570 37	<b>22 kW - 32 A three-phase (400 V – 50/60 Hz)</b> Power adjustment possible: - 11/15/18/22 kW - 16/20/25/32 A

Pack	Cat.Nos	Mode 3 charging stations equipped with cable
1	0 570 41	For charging 1 vehicle Equipped with: - a 5 m cord, plug holder, and Type 2 plug (single - phase or three-phase operation) with pilot wire (Mode 3) IP 55 - IK 10 Wall mounting charging station Can be equipped with pedestal Cat.No 0 570 57 for fixing to the ground <b>7.4 kW - 32A single-phase (230 V – 50/60 Hz)</b> Power adjustment possible: - 3.7/4.6/5.7/7.4 kW - 16/20/25/32 A Without integrated protection
1	0 570 51	With integrated RCBO protection (one RCBO 32 A 30 mA type F + one shunt trip) <b>22 kW - 32 A three-phase (400 V – 50/60 Hz)</b> Power adjustment possible: - 11/15/18/22 kW - 16/20/25/32 A Without integrated protection
1	0 570 42	With integrated RCBO protection (one RCBO 32 A 30 mA type F + one shunt trip) <b>22 kW - 32 A three-phase (400 V – 50/60 Hz)</b> Power adjustment possible: - 11/15/18/22 kW - 16/20/25/32 A Without integrated protection
1	0 570 52	With integrated RCBO protection (one RCBO 32 A 30 mA type F + one shunt trip)
1	0 570 57	<b>Metal pedestal for Green'up Home charging stations</b> For fixing Green'up Home charging station to the ground Can take one or two charging stations

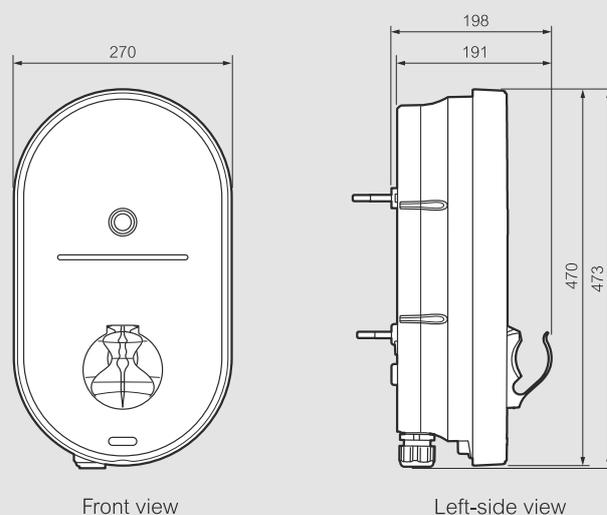
# Green'up™ Home charging stations

## technical characteristics

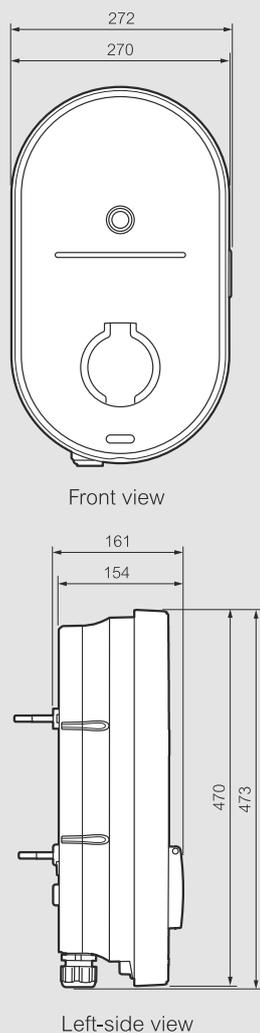
### Mode 3



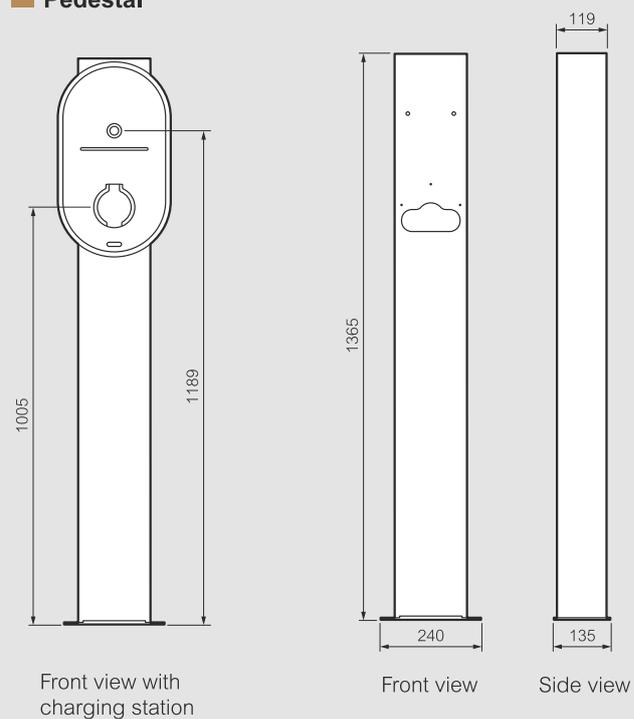
### Mode 3 equipped with cable



### Mode 2 and 3



### Pedestal

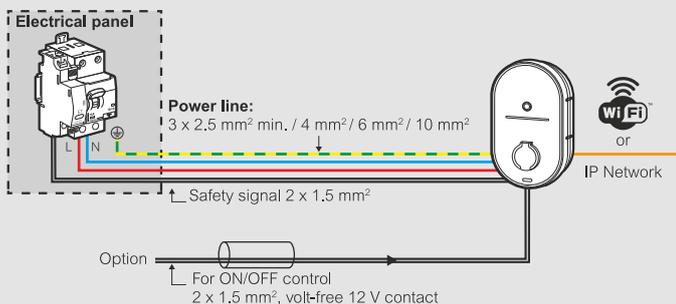


# Green'up™ Home charging stations

## technical characteristics (continued)

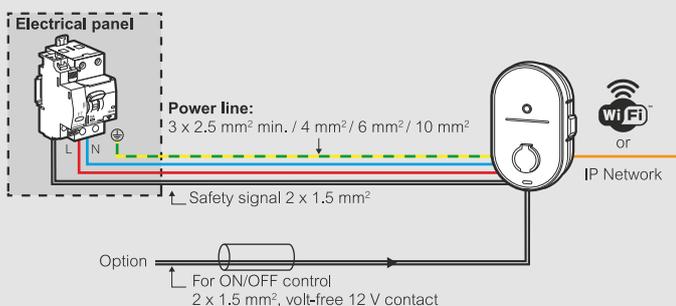
### Installation principle single-phase charging stations

#### Mode 3 charging stations



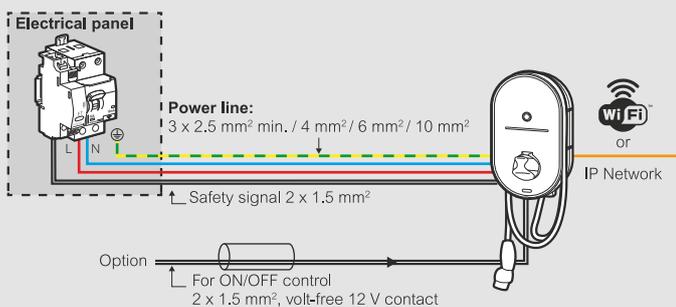
Cat.Nos	0 570 21			
Power setting (kW)	3.7	4.6	5.8	7.4
Charging station rating (A)	16	20	25	32
Power line protection rating	20 A, C curve	25 A, C curve	32 A, C curve	40 A, C curve
RCD	30 mA F type			
Power line protection RCBO (6000/10 kA)	4 110 95	4 110 96	4 110 97	4 110 98
T2S line csa (mm² minimum)	2.5	4	6	10
Shunt trip / safety signal	4 062 76			
Surge protective device	0 039 51			

#### Mode 3 + Mode 2 charging stations



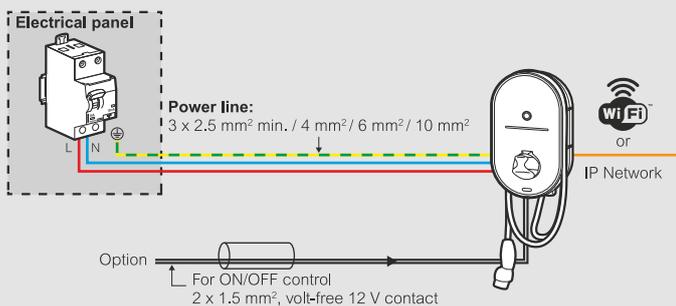
Cat.Nos	0 570 35			
Power setting (kW)	3.7	4.6	5.8	7.4
Charging station rating (A)	16	20	25	32
Power line protection rating	20 A, C curve	25 A, C curve	32 A, C curve	40 A, C curve
RCD	30 mA F type			
Power line protection RCBO (6000/10 kA)	4 110 95	4 110 96	4 110 97	4 110 98
T2S line csa (mm² minimum)	2.5	4	6	10
Shunt trip / safety signal	4 062 76			
Surge protective device	0 039 51			

#### Mode 3 charging stations equipped with cable, without integrated protection



Cat.Nos	0 570 41			
Power setting (kW)	3.7	4.6	5.8	7.4
Charging station rating (A)	16	20	25	32
Power line protection rating	20 A, C curve	25 A, C curve	32 A, C curve	40 A, C curve
RCD	30 mA F type			
Power line protection RCBO (6000/10 kA)	4 110 95	4 110 96	4 110 97	4 110 98
T2S line csa (mm² minimum)	2.5	4	6	10
Shunt trip / safety signal	4 062 76			
Surge protective device	0 039 51			

#### Mode 3 charging stations equipped with cable, with integrated RCBO protection



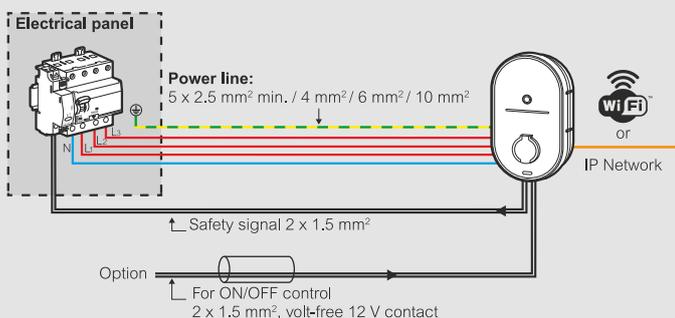
Cat.Nos	0 570 51			
Rated power (kW)	7.4 (power adjustment possible: 3.7/4.6/5.7/7.4 kW)			
Charging station rating (A)	32			
Integrated protection RCBO (6000/10 kA)	RCBO included C 32 A30 mA F type			
Power line protection	40 A C curve			
MCB (6000/10 kA)	4 077 46			
T2S line csa (mm² minimum)	10			
Shunt trip / safety signal	included			
Surge protective device	0 039 51			

# Green'up™ Home charging stations

## technical characteristics (continued)

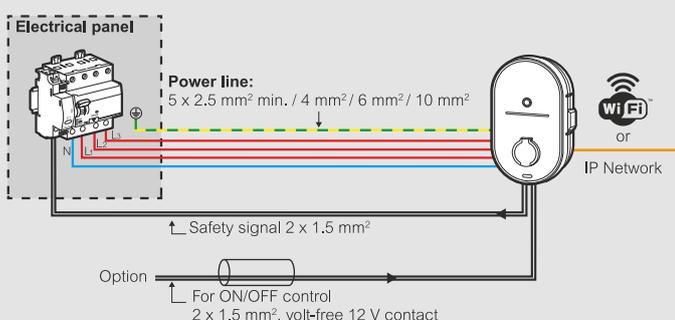
### Installation principle three-phase charging stations

#### Mode 3 charging stations



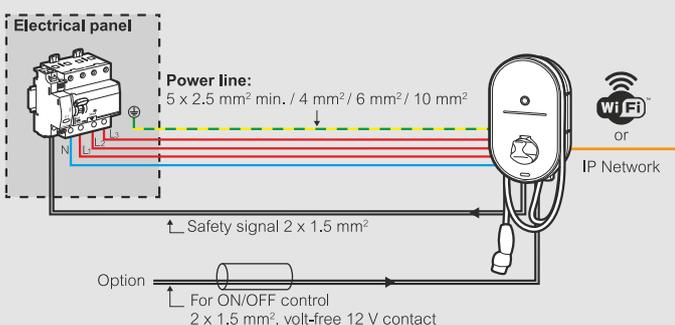
Cat.Nos	0 570 22			
Power setting (kW)	11	15	18	22
Charging station rating (A)	16	20	25	32
Power line protection rating	20 A, C curve	25 A, C curve	32 A, C curve	40 A, C curve
RCD	30 mA F type			
Power line protection RCBO (6000/10 kA)	4 112 45	4 112 46	4 112 47	4 079 32 + 4 105 34
T2S line csa (mm <sup>2</sup> minimum)	2.5	4	6	10
Shunt trip / safety signal	4 062 76			
Surge protective device	0 039 53			

#### Mode 3 + Mode 2 charging stations



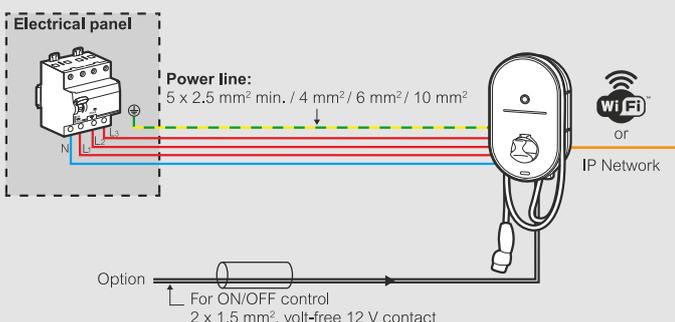
Cat.Nos	0 570 37			
Power setting (kW)	11	15	18	22
Charging station rating (A)	16	20	25	32
Power line protection rating	20 A, C curve	25 A, C curve	32 A, C curve	40 A, C curve
RCD	30 mA F type			
Power line protection RCBO (6000/10 kA)	4 112 45	4 112 46	4 112 47	4 079 32 + 4 105 34
T2S line csa (mm <sup>2</sup> minimum)	2.5	4	6	10
Shunt trip / safety signal	4 062 76			
Surge protective device	0 039 53			

#### Mode 3 charging stations equipped with cable, without integrated protection



Cat.Nos	0 570 42			
Power setting (kW)	11	15	18	22
Charging station rating (A)	16	20	25	32
Power line protection rating	20 A, C curve	25 A, C curve	32 A, C curve	40 A, C curve
RCD	30 mA F type			
Power line protection RCBO (6000/10 kA)	4 112 45	4 112 46	4 112 47	4 079 32 + 4 105 34
T2S line csa (mm <sup>2</sup> minimum)	2.5	4	6	10
Shunt trip / safety signal	4 062 76			
Surge protective device	0 039 53			

#### Mode 3 charging stations equipped with cable, with integrated RCBO protection



Cat.Nos	0 570 52			
Rated power (kW)	22 (power adjustment possible: 11/15/18/22 kW)			
Charging station rating (A)	32			
Integrated protection RCBO (6000/10 kA)	RCBO included C 32 A30 mA F type			
Power line protection	40 A C curve			
MCB (6000/10 kA)	4 079 32			
T2S line csa (mm <sup>2</sup> minimum)	2.5	4	6	10
Shunt trip / safety signal	included			
Surge protective device	0 039 53			

In accordance with its policy of continual improvement, the company reserves the right to modify the characteristics and design of its products without warning. All illustrations, descriptions, dimensions, and weights indicated in this catalogue are given as a guide only and the company cannot be held liable for their accuracy.



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