

SAFETY INSTRUCTIONS

This user manual includes operation instructions, and the safety precautions to be followed by the user. Please read it carefully before first use and keep it for future reference. These instructions must be read and fully understood before use. Do not carry out any alterations or maintenance work that is not directly specified in this manual. The manufacturer shall not be liable for any damage to persons or property resulting from use not in accordance with the instructions in this manual. If you have any problems or queries, please consult a qualified person to correctly operate the equipment. This device may only be used for Hybrid Electric Vehicle (HEV) charging within the limits indicated on the device and in the manual. The safety instructions must be followed. The manufacturer cannot be held responsible in the event of improper or dangerous use.

This device provides additional protection in the absence of any verification of the conformity of the power supply wiring, or the presence of a functional RCD (Residual Current Device) with a rated operating differential current not exceeding 30 mA (AC) and 6 mA (DC) upstream.

Do not use the charger if the mains cable or plug is damaged.

Do not use the device if the charging cable is damaged or has a faulty connection, in order to avoid the risk of short-circuiting the vehicle.

Do not cover the device while it is in use.

Do not remove the mains plug from the device and replace it with a different one. Only use accessories sold by GYS, with no user modifications.

The device must not be used if it does not operate correctly in accordance with the manual. If this is the case, please seek advice from the manufacturer, the relevant distributor, or an electrician.

The device must not be stored or used beyond the specified operating conditions, and be protected against misuse, such as dropping, submersion, etc.

The device must be connected without the use of a power adapter, unless it is part of the original product or supplied accessories.

The device must be connected directly to the power socket, without the use of an additional cable (extension cord/multiplug etc.).

Cables and components must not be removed/disconnected while the product is in use.

Do not subject the device to excessive impact, twisting or crushing.

Store the device appropriately when it is not in use. Always wrap the cables in a loop, do not twist/kink/bend them.

Be sure to follow the instructions in this manual to avoid the risk of fire, electric shock, serious injury, or death.

Do not leave a charging vehicle unattended for long periods of time.

EV charging mode:

- Mode 2



Power supply:

- The charger must be connected to an EARTHED power supply.

Function to check the presence of a protective conductor on the input circuit.



- The device may not work if used on a computer system or any other ungrounded installation, such as an insulated winding generator or isolation transformer.
- The connection to the power supply must be carried out in compliance with national standards.

It is recommended that the electrical installation intended for EV charging is inspected by an experienced electrical installer.



Maintenance:

- Do not use solvents or any aggressive cleaning products.
- Clean the surfaces of the unit with a dry cloth.



Regulations:

- Equipment complies with European directives
- The Declaration of Conformity is available on our website.
- This equipment conforms to UK requirements.
- The UK Declaration of Conformity is also available on our website (see cover page).
- This device complies with Moroccan standards.
- The C_m (CMIM) declaration of conformity is available on our website.



Disposal:

- This machine is subject to selective collection. Do not dispose of in domestic waste.

DESCRIPTION

The SUPER PRO SMART EV CHARGE GYS is a Type 2 electric vehicle (EV) charging cable. It is suitable for daily charging applications, and can be easily stored in a vehicle. It is IP65 rated, meaning that it is not vulnerable to dust or rain. This charger is Type 2 compatible, and complies with European standards.

TYPE 2 (European Standard IEC 62196-2)



Audi A3 e-Tron, BMW 13, BMW i8, Chevrolet Spark, Mercedes B Class E-Celi, Mercedes S500 PFIEV, Mercedes SLS EV, Mercedes Vito E-Cell Van, Porsche Panamera S PFIEV, Renault Zoé, Renault Zoé 2013, Volkswagen e-Up, Volkswagen e-Golf, Volvo V60 PHEV ...

SINGLE-PHASE / THREE-PHASE



This device must be supplied with at least 3 cores (Neutral + Phase + Earth) or 5 cores (Neutral + 3 Phases + Earth) and is suitable for use in different types of sockets.

The SUPER PRO SMART EV CHARGE is supplied with :

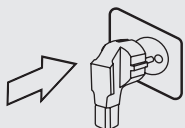
		075320	080676 (UK)
	1 cable with a single-phase UK plug (13 A) Selectable calibres 6 A 8 A 10 A 13 A	-	✓
	1 cable with a single-phase plug (16 A) Selectable calibres 6 A 8 A 10 A 13 A 16 A	✓	-
	1 cable with a single-phase CEE plug (16 A) Selectable calibres 6 A 8 A 10 A 13 A 16 A	-	✓
	1 cable with a three-phase plug (32 A) Selectable calibres 6 A 8 A 10 A 13 A 16 A 20 A 32 A	✓	✓

Connect the charging cable with the appropriate plug for the power supply system you are using. The charger automatically recognises the selected plug and limits the charging current accordingly.

Power output table

	6 A	8 A	10 A	13 A	16 A	20 A	32 A
230 V	1.4 kW	1.8 kW	2.3 kW	2.9 kW	3.7 kW	4.6 kW	7.4 kW
400 V	4.1 kW	5.5 kW	6.9 kW	8.9 kW	11 kW	14 kW	22 kW

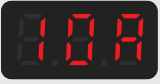





CHOICE OF CHARGE CURRENT



Connect the unit to the power supply.

The cable automatically detects the type of socket to which it is connected, and regulates the current accordingly.

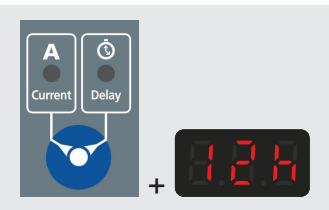
Eg: if a 16A single-phase power outlet is detected upstream of the charging cable, then the maximum current setting will be 16A. However, it is possible to charge the vehicle with a lower amperage (6-8-10-13 A) if the electrical supply network requires it.





	<p>When the charger is switched on, select the charging current with the arrows  . The charger always switches on with a default charging current of 10 A.</p>
	<p>Press  to confirm the desired current (if there is a calibration error, press  for 3 seconds and then repeat the process). → The display alternates between the selected current rating, and the "Ready" message.</p>
	<p>The charger is now set up, and ready to be connected to a vehicle.</p>

Setting up a delayed charge


You can set a delayed start to the charge (off-peak/peak hours).

 **This process must be carried out before confirming the charge rating.**







Press the «Current/Delay» button . The Delay LED will light up. Then use the arrows   to set the desired time delay (can be set from 1 to 24 hours, adjustable in hourly increments). Then press  to confirm.

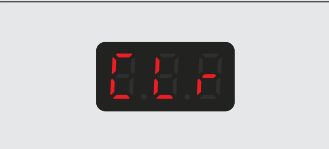
Memorising the charge rating





 This function should only be considered if the electrical installation is suitable. The charging cable must be disconnected from the vehicle.

The settings can be saved in the unit's memory so that they are not lost in the event of a power failure. After disconnecting, the charger will automatically restart with the memorised charging current.

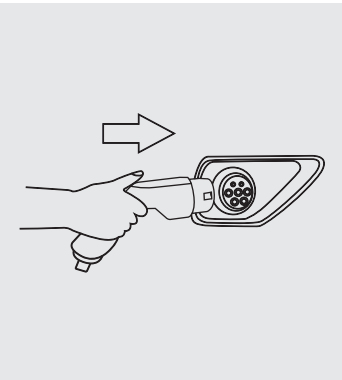



After selecting & confirming the desired rating, press & hold   for 3 seconds simultaneously. The LEDs  &  flash, and the «Storage» message appears briefly on the display.







To delete the stored data, repeat the same process of pressing and holding for   3 seconds. The LEDs  &  flash, and the «Clear» message appears briefly on the screen.

VEHICLE CONNECTION




Once the appropriate charge setting has been selected, connect the device to the vehicle. The charger shows  on the display (connected).

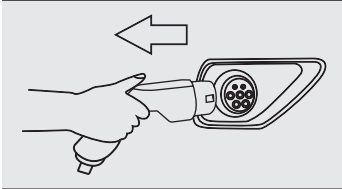
The charge will then start automatically after a few seconds. The display will show  (charging in progress).

If charging has been delayed, the display shows alternately  and the remaining time  until charging begins. It will indicate  when charging is in progress.

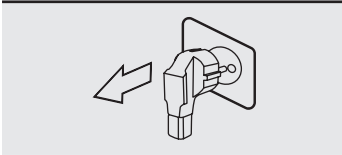
END OF CHARGE

The charge can be stopped at any time by pressing  for 3 seconds.

 Following a voluntary stop, some vehicles have a delay of up to one minute before allowing the charge to be restarted or changed. Wait until **End** flashes on the display. As long as it is fixed, the charger is locked by the vehicle, no manipulation is possible.



When the vehicle is fully charged, the charger will show **End** on the display. If a vehicle decides to relaunch the charge, the charger will automatically restart itself. Remove the charging cable from the vehicle.







Disconnect the device from the power supply.





LIST OF AVAILABLE OPTIONS

Adaptor	Limitation	Network	Power
Schuko	10 A	Single-phase	2.3 kW max
Swiss T13	8 A	Single-phase	1.8 kW max
CEE 32 Single-phase	32 A	Single-phase	7.4 kW max
CEE 16 Three-phase	16 A	Three-phase	11 kW max
...

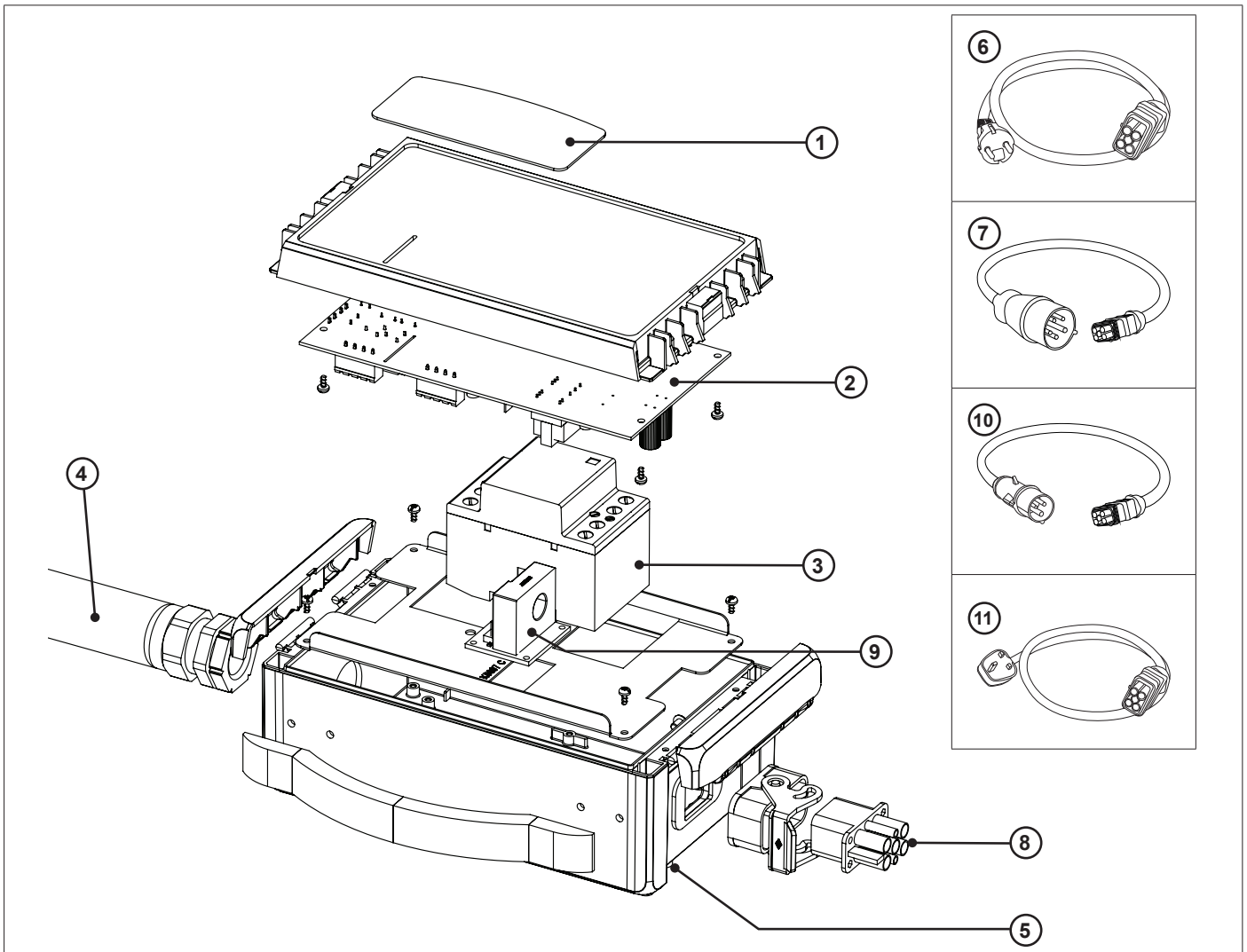
TROUBLESHOOTING

Troubleshooting	Causes	Solutions
 + 	Accessory fault.	<ul style="list-style-type: none"> - The attachment connected to the device is not a GYS accessory. - Defect in the accessory. Contact your dealer / service agent.
 + 	Thermal protection.	<ul style="list-style-type: none"> - Ambient temperature too high, ventilate the room and let the charger cool down. The load will automatically restart as soon as the temperature is lower.

If manufactured before 12/2023

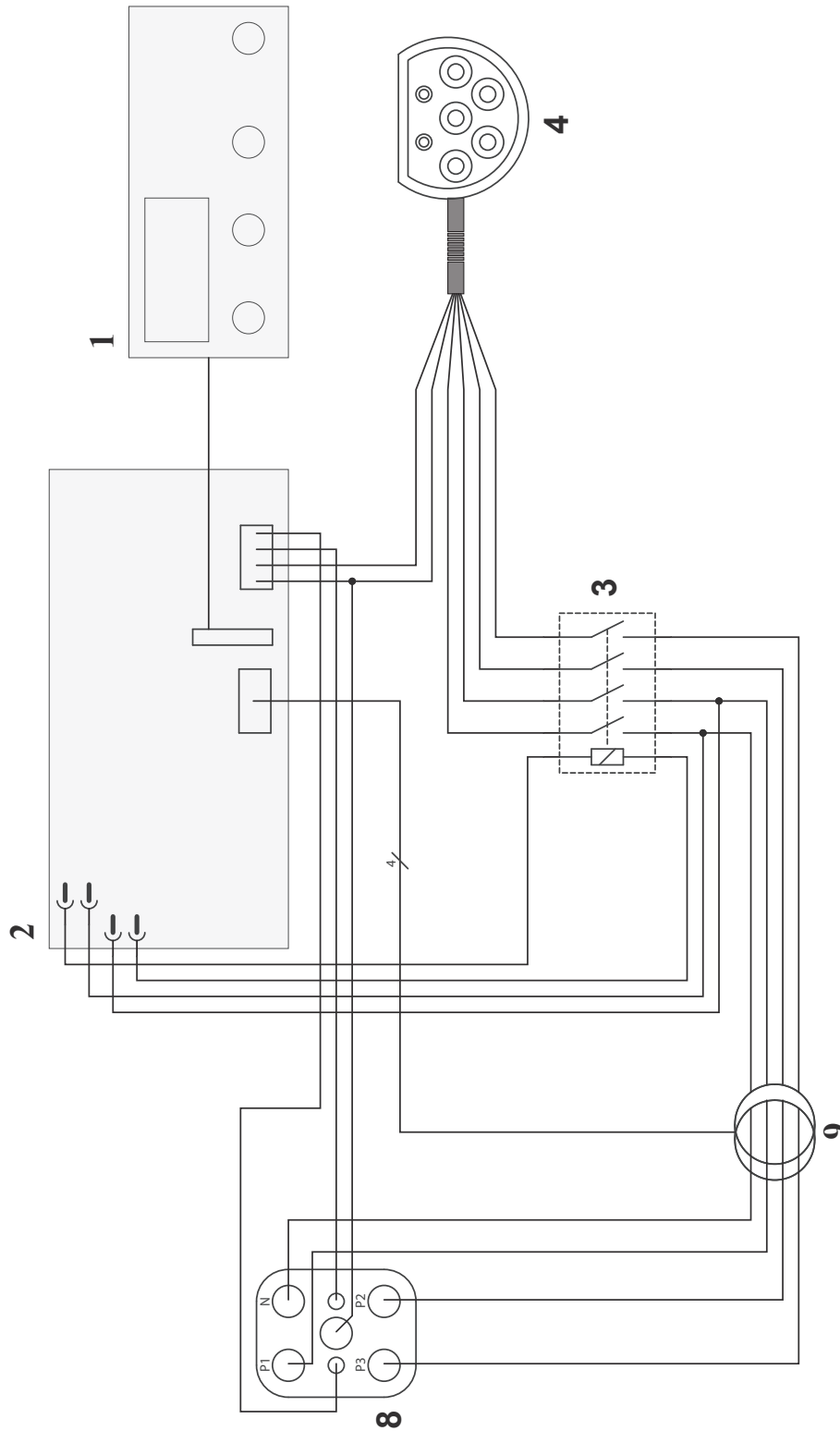
Troubleshooting	Causes	Solutions
 + 	Electrical fault. Residual DC current detected in electrical installation (>6mA).	<ul style="list-style-type: none"> - Check your electrical installation and follow the relevant electrical recommendations for this type of product. This error will only disappear after the electrical installation has been brought into conformity.
 + 	Electrical fault. Residual AC current detected in electrical installation (>30mA).	<ul style="list-style-type: none"> - Check your electrical installation and follow the relevant electrical recommendations for this type of product. This error will only disappear after the electrical installation has been brought into conformity.

SPARE PARTS / ERSATZTEILE / PIEZAS DE REPUESTO / ЗАПАСНЫЕ ЧАСТИ / RESERVE ONDERDELEN / PEZZI DI RICAMBIO



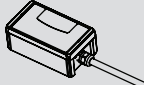



		075320	080676 (UK version)
1	Clavier / Keypad / Bedienfeld / Teclado / Панель управления / Bedieningspaneel / Tastiera	51995	
2	Carte EON / EON board / EON-Karte / Tarjeta EON / Плата EON / Kaart EON / Scheda EON	E0176C	
3	Contacteur de puissance / Power contactor / Leistungsschütz / Contactor de potencia / Силовой контактор / Vermogensschakelaar / Connettore di potenza	52359	
4	Cordon VE Type 2 / Type 2 EV cable / EV-Kabel Typ 2 / Cordón VE Tipo 2 / Кабель VE Тип 2 / Kabel EV Type 2 / Cavo VE Tipo 2	21582	
5	Pied adhésif / Adhesive foot / Klebefuß / Pie adhesivo / Клеящая лапка / Zelfklevende voetjes / Piede adesivo	15123	
6	Accessoire monophasé / Single-phase accessory / Einphasiges Zubehör / Accesorio monofásico / Однофазное дополнительное оборудование / Accessoire enkelfase / Accessorio monofase	F0713	-
7	Accessoire triphasé / Three-phase accessory / Dreiphasiges Zubehör / Accesorio trifásico / Трёхфазное дополнительное оборудование / Accessoire driefasen / Accessorio trifase	F0712	
8	Connecteur d'entrée / Input connector / Eingangsanschluss / Conector de entrada / Входной разъем / Ingangsaansluiting / Connettore di ingresso	53033	
9	Capteur de courant résiduel / Residual current sensor / Reststromsensor / Sensor de corriente residual / Датчик остаточного тока / Sensor reststroom / Sensore di corrente residua	<i>Si fabrication avant le 15/09/2023 If manufactured before 15/09/2023</i>	
		<i>Si fabrication entre le 15/09/2023 et le 01/12/2023 If manufactured between 15/09/2023 and 01/12/2023</i>	
		<i>Si fabrication après le 01/12/2023 If manufactured after 01/12/2023</i>	
10	Accessoire monophasé CEE 16A / Single-phase CEE 16A accessory / Einphasiges Zubehör CEE 16A / Accesorio monofásico CEE 16A / Однофазное дополнительное оборудование CEE 16A / Accessoire enkelfase CEE 16A / Accessorio monofase CEE 16A	-	F0972
11	Accessoire monophasé UK 13A / Single-phase UK 13A accessory / Einphasiges Zubehör UK 13A / Accesorio monofásico UK 13A / Однофазное дополнительное оборудование UK 13A / Accessoire enkelfase UK 13A / Accessorio monofase UK 13A	-	F0973

CIRCUIT DIAGRAM / SCHALTPLAN / DIAGRAMA ELECTRICO / ЭЛЕКТРИЧЕСКАЯ СХЕМА / ELEKTRISCHE SCHEMA / SCHEMA ELETTRICO



**TECHNICAL SPECIFICATIONS / TECHNISCHE DATEN / ESPECIFICACIONES TÉCNICAS /
ТЕХНИЧЕСКИЕ СПЕЦИФИКАЦИИ / TECHNISCHE GEGEVENS / SPECIFICHE TECNICHE**

SUPER PRO SMART EV CHARGE

<p>Tension d'alimentation assignée Rated input voltage Netzspannung Tensión de red asignada</p>	<p>Номинальное напряжение питания Nominale voedingsspanning Tensione di alimentazione nominale</p>	<p>230 / 400 V</p>
<p>Courant de sortie assignée Rated output current Nennstrom Corriente de salida asignada</p>	<p>Номинальный выходной ток Uitgaande nominale spanning Corrente di uscita nominale</p>	<p>6-8-10-13-16-20-32 A</p>
<p>Courant différentiel de fonctionnement assigné Rated operational differential current Nennbetriebsdifferenzstrom Corriente diferencial nominal de funcionamiento</p>	<p>Номинальный рабочий дифференциальный ток Nominale differentieële stroom Corrente differenziale nominale di esercizio</p>	<p>$\Delta n = 30 \text{ mA (AC)} / 6 \text{ mA (DC)}$</p>
<p>Température de fonctionnement Operating temperature Betriebstemperatur Temperatura de funcionamiento</p>	<p>Рабочая температура Werktemperatuur Temperatura di funzionamento</p>	<p>-30°C – +40°C</p>
<p>Indice de protection Protection rating Schutzart Índice de protección</p>	<p>Степень защиты Bescherminingsklasse Indice di protezione</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>IP65</p> </div> <div style="text-align: center;">  <p>IP55</p> </div> </div>
<p>Longueur de câbles Length of cables Kabellänge Longitud del cable</p>	<p>Длина кабеля Lengte van de kabel Lunghezza del cavo</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>1 m</p> </div> <div style="text-align: center;">  <p>5 m</p> </div> </div>
<p>Poids Weight Peso Вес</p>	<p>Gewicht Gewicht van het toestel Peso</p>	<p>4,5 kg</p>