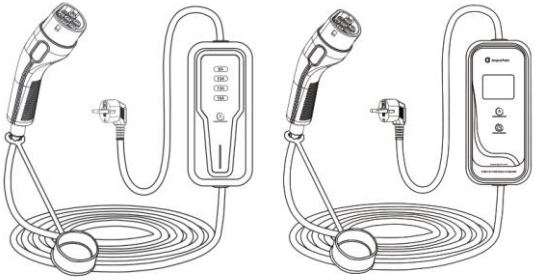
AmperePoint
SMART CHARGING

PORTABLE EV/PHEV CHARGER

Ampere Point P35 / P72 / P11 / B35

Type 1 / Type 2



ENGLISH VERSION
User Manual

ENGLISH

Product Safety Information

1. Do not use extension cords.
2. Do not use charging cables as extensions for the charger.
3. Do not immerse the charger in water. The main body and mains plug must always be protected from external conditions.
4. Do not step on, pull, or crush the cable.
5. Do not drop the charger or place heavy objects on it.
6. Do not place the charger near heat sources or in enclosed spaces.
7. Do not use the charger outside its operating temperature range of -25 °C to 50 °C. Do not store it outside the storage temperature range of -40 °C to 80 °C.
8. The electrical installation must be carried out only by a qualified/licensed electrician in accordance with local regulations.
9. The power supply should be provided via a properly grounded socket capable of handling the charger's power continuously.
10. The dedicated circuit must be protected by a residual current device (RCD type A, unless local regulations or the installation design require another type) and by overcurrent protection selected by an electrician.
11. The device contains no user-serviceable parts. Do not attempt to repair, modify, or service the device yourself - risk of electric shock or vehicle damage.
12. Do not use the charger if it is damaged.
13. For charging electric and plug-in hybrid vehicles only.
14. Do not touch the charging connector pins.
15. Contact the distributor in case of any operational issues.
16. Do not leave the charger unattended for long periods, especially in enclosed spaces.
17. Disconnect the charger from power after charging.
18. Do not use the charger in dusty areas, explosive zones, or around chemical fumes.
19. Make sure the cable does not pose a tripping hazard.
20. Regularly check for overheating of the charger, cable, plug, or socket. If any component exceeds 50 °C, stop charging and contact the distributor.

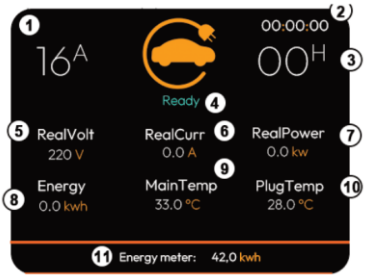
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Charger Function Description



No	Description
1	Vehicle charging connector - Type 2 or Type 1 (see the product label/box)
2	LED status
3	LCD screen
4	Current change button
5	Timer button (only in P models) - Delay (H)
6	Charger controller body
7	Mains plug (AC, varies by model)
8	Charging cable

Screen & LED Description - P Models

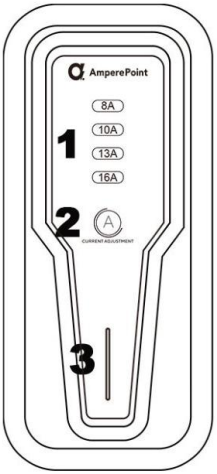


No	Description
1	Current
2	Charging time
3	Start delay (in hours)
4	Charging status
5	Voltage
6	Current flowing to the vehicle
7	Charging power in kW
8	Total energy in kWh
9	Charger body temperature
10	Vehicle connector temperature (Type 2 or Type 1, depending on model)
11	Non-resettable energy meter
PE icon	Icon indicating an incorrect protective conductor/PE condition (see error handling)

Indicator LEDs

LED color	Status
Blue	EV not connected
Green	EV charged
Continuous color change	Charging
Red	Charging error (see error handling)

Screen & LED Description - B Models



Display elements

1 - Selected current (8/10/13/16 A)
2 - Current select button
3 - Status LED

Charging Status

LED color	Description
Blue	Ready to charge
Yellow	Connecting
Green flashing	Charging
Green	Charging complete
Red	Fault - unplug the device and contact the supplier

Additional Information

1. Temperature monitoring: the EV charger will pause charging if any temperature sensor exceeds safe values. Reduce the set current if appropriate, improve ventilation, and wait for the device to cool down. When the temperature returns to a safe level, the charger may automatically retry charging. If overheating repeats, stop using the charger and contact technical support.
2. Automatic error resolution - the EV charger will try to resolve temporary charging-process errors (e.g. communication with the vehicle) and retry charging.
3. Certification: each charger undergoes a series of tests to verify its efficiency and correct operation.

Charger Parameters

Parameter	Value
Applicable charging standard	EN IEC 61851-1:2019
Vehicle charging connector	Type 2 or Type 1 (depending on model)
Voltage	210-275 V AC (single-phase models) / 380-415 V AC (P11 three-phase)
Current	16 A max. AC / 32 A max. AC (P72)
Frequency	50-60 Hz
Insulation resistance	>10 MOhm
Operating temperature	-25 °C to +50 °C
Storage temperature	-40 °C to +80 °C
Operating humidity	5-95% RH, non-condensing
Ingress protection	IP65
Display	LCD, 2.4" (P-series only)

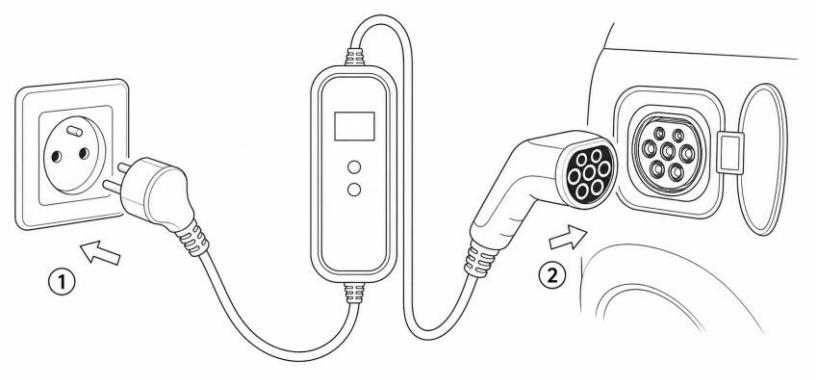
Using the Charger Safely

1. The charger should only be connected to a properly functioning electrical system, with the protective conductor (PE), live and neutral correctly connected. Reversed live/neutral wiring or a missing/incorrect protective conductor may block the operation of the charger for safety reasons.
2. Set the charger current no higher than the continuous current rating of the socket/circuit. If you are using a 10 A socket, for example, set the current below 10 A. Damage caused by misuse may prevent warranty service.

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3. Do not place flammable, explosive or combustible materials, chemicals, flammable fumes, or other dangerous substances near the device.
4. If the charging connector is dirty, wipe it with a clean, dry cloth when the charger is unplugged. Do not touch the metal pins in the connector with your hands.
5. Do not use the charging cable if it is damaged, worn, cracked, or exposed. If you notice such a situation, contact your charger distributor.
6. Do not attempt to disassemble, repair, or reassemble the charging device. If repair or reassembly is required, contact customer service. Improper intervention may lead to equipment damage, electrical failure, electric shock, or fire.
7. Do not use the charger during a lightning storm.
8. Children are not allowed to use the device.
9. It is forbidden to disconnect the charging connector or mains plug while charging.
10. The vehicle must not move while charging. Charging may take place only when the vehicle is stationary.

How to Start Charging

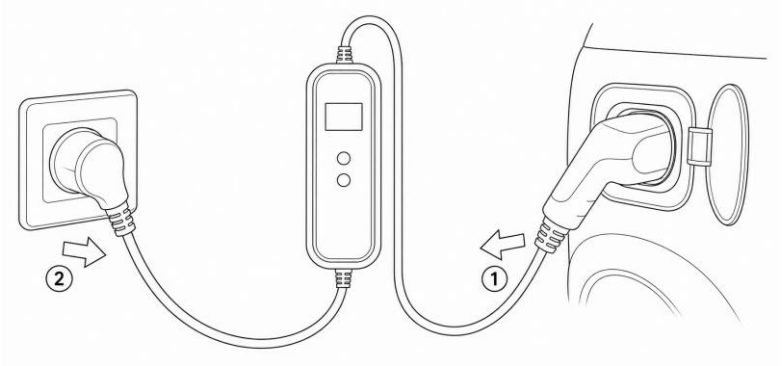


1. Insert the mains plug firmly into the mains socket. Make sure the socket complies with national standards and that its rated current is suitable for the charger setting (16 A or 32 A, depending on the model).
2. Press the [A] button to change the charging current mode. Press the Timer button (Delay H) to set the charging delay. The Timer button delays the charging start; each press increases the value by 1 h. The maximum value is 12 H. Available current settings are shown in the table below.
3. Remove the charging connector cover and insert the vehicle connector into the vehicle inlet. Make sure the charging connector is fully inserted.
4. The device will start charging.

Available Current Settings for Chargers

Model	Available current settings (A)
B35	8 A - 10 A - 13 A - 16 A
P35 / P11	6 A - 8 A - 10 A - 13 A - 16 A
P72	6 A - 8 A - 10 A - 13 A - 16 A / 20 A / 24 A / 32 A

How to Complete Charging



1. End charging in the vehicle settings/app if required. Unlocking the vehicle usually releases the charging connector lock.
2. Disconnect the charging connector from the vehicle inlet.
3. Close the EV charging port and replace the protective cap on the charging connector.
4. Disconnect the mains plug from the mains socket.
5. Put the charging cable in the bag.

Error Handling - P-Series

Error code	Function	Description
Error - A	Overheating protection	Check that the set current is not too high for the socket or ambient conditions. Improve ventilation and allow the charger, plug, and socket to cool down before retrying. If Error - A appears again, stop using the charger and contact technical support.
Error - B	Control Pilot / short-circuit fault	Disconnect the charging connector and mains plug, then reconnect the mains plug. This may indicate a Control Pilot communication fault or short-circuit condition on the vehicle/connection side. If the LCD screen still shows Error - B, stop using the charger and contact technical support.
Error - C	Overvoltage protection	Check whether the mains supply voltage exceeds the overvoltage threshold; it should not exceed 270 V. If the mains supply voltage is too high, wait until it returns to normal. If the supply voltage is stable but the charger still shows Error - C, contact technical support.
Error - D	Undervoltage protection	Check whether the mains supply voltage falls below the undervoltage threshold; it must not be lower than 150 V. If the mains supply voltage is too low, wait until it returns to normal. If the supply voltage is stable but the charger still shows Error - D, contact technical support.
Error - E	Protective conductor / PE (missing or incorrect)	This error indicates an incorrect electrical installation related to the protective conductor (PE). It may also occur when L and N are reversed in the electrical system. Warning: disabling the PE check reduces user protection and may not be permitted by local rules. Use this function only at the user's own risk. The vehicle may still require a valid protective-earth connection for correct charging. To temporarily disable the PE check, press and hold the Timer button for 5-10 seconds. Repeat the same action to re-enable the PE check. Have the electrical installation verified by a qualified/licensed electrician. If the error returns, do not use this socket.
Error - F	Short-circuit protection	Disconnect the charging connector and mains plug, then reconnect the mains plug. If the error returns, stop using the charger and contact technical support.

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Error - G	Residual-current / leakage-current protection	Disconnect the charging connector and mains plug, then reconnect the mains plug. If Error - G is still displayed, stop using the charger and contact technical support. Do not continue charging from that socket.
Error - H	Other	Contact technical support.

Warranty Agreement

1. The warranty coverage applies solely to the product itself.
2. The warranty period is 24 months. During the warranty period, the distributor will repair or replace the product free of charge in the event of a failure or damage occurring under normal use.
3. The condition for claiming the warranty is the use and installation of the device in accordance with the user manual and the intended purpose of the product.
4. The warranty period starts on the date of sale.
5. In the following cases, the distributor has the right to charge additional costs or refuse warranty service:

Warranty Exclusions

a. Device failure caused by non-compliance with the user manual, including incorrect connection to the electrical installation.
b. Damage to the device caused by external factors, in particular fire, flooding, incorrect voltage, etc.
c. Damage to the device caused by using the product for non-standard purposes.
d. Damage to the device caused by the ingress of foreign objects into the charging device (e.g. construction dust, water).
e. Damage to the device caused by other external factors resulting from human action.
f. Connection of the product to an electrical installation that does not meet technical requirements, especially in the case of incorrect voltage, missing protective conductor/PE, inadequate protection, or insufficient power supply.
g. Installation of the device by persons without the appropriate qualifications or authorizations.
h. Any unauthorized interventions in the device, in particular: self-repairs, attempts to disassemble, structural modifications, software alterations, or connecting the charger to systems, installations, or devices that have not been approved or are not in compliance with the manufacturer's requirements.

The warranty is valid only with proof of purchase.
Warranty service: hello@amperepoint.com

Declaration of Conformity

Models covered by the EU Declaration of Conformity: Ampere Point P11 (EV Charger 16 A 3-phase), P72 (EV Charger 32 A 1-phase), P35 (EV Charger 16 A 1-phase), B35 (EV Charger 16 A 1-phase), and B35 Type 1 (EV Charger 16 A 1-phase). The product is declared in conformity with 2014/35/EU (Low Voltage Directive), 2014/30/EU (EMC Directive), and 2011/65/EU (RoHS Directive). Standards referenced in the declaration: EN IEC 61851-1:2019; EN IEC 61000-6-1:2019; EN IEC 61000-6-3:2021; EN IEC 63000:2018 (RoHS).

CE

Do not dispose of this product with unsorted municipal waste. Dispose of waste electrical and electronic equipment through WEEE/e-waste collection systems according to local regulations.

