

QUICK USER GUIDE

EV Portable Charger

Model: BN70

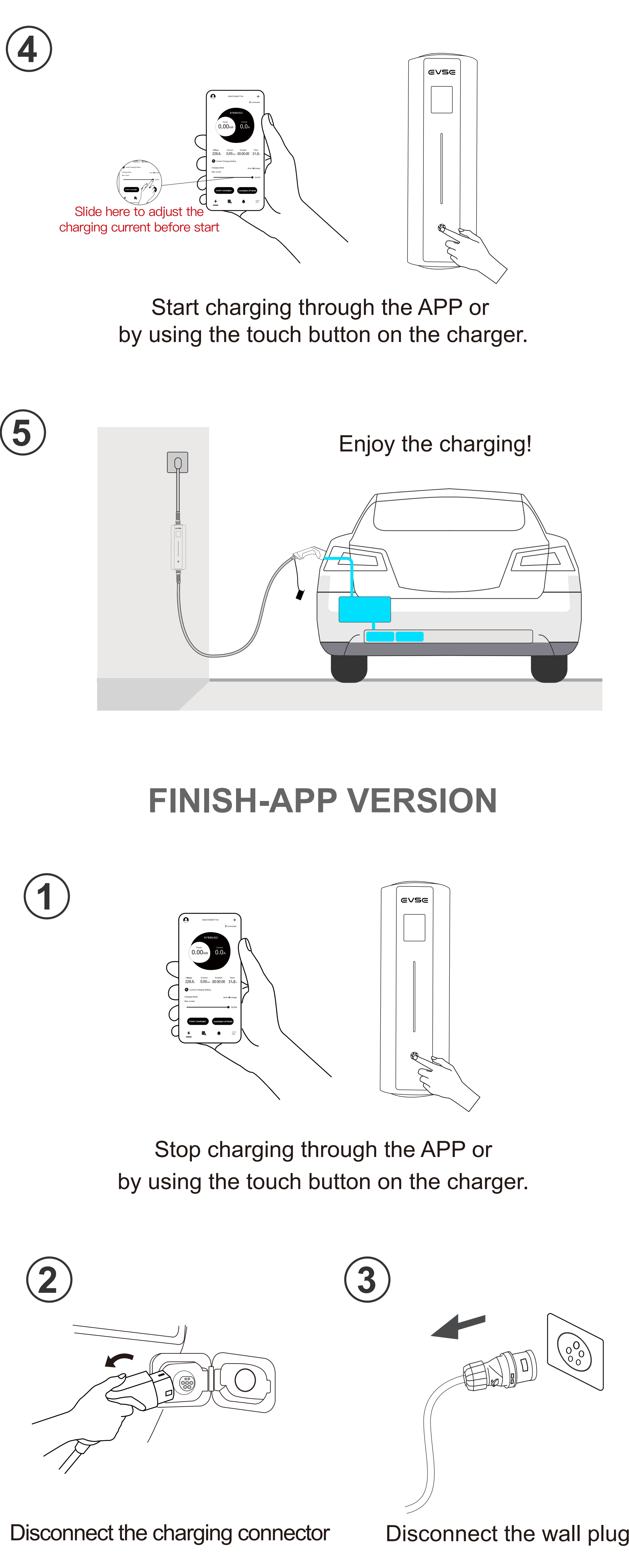
APP VERSION

APP

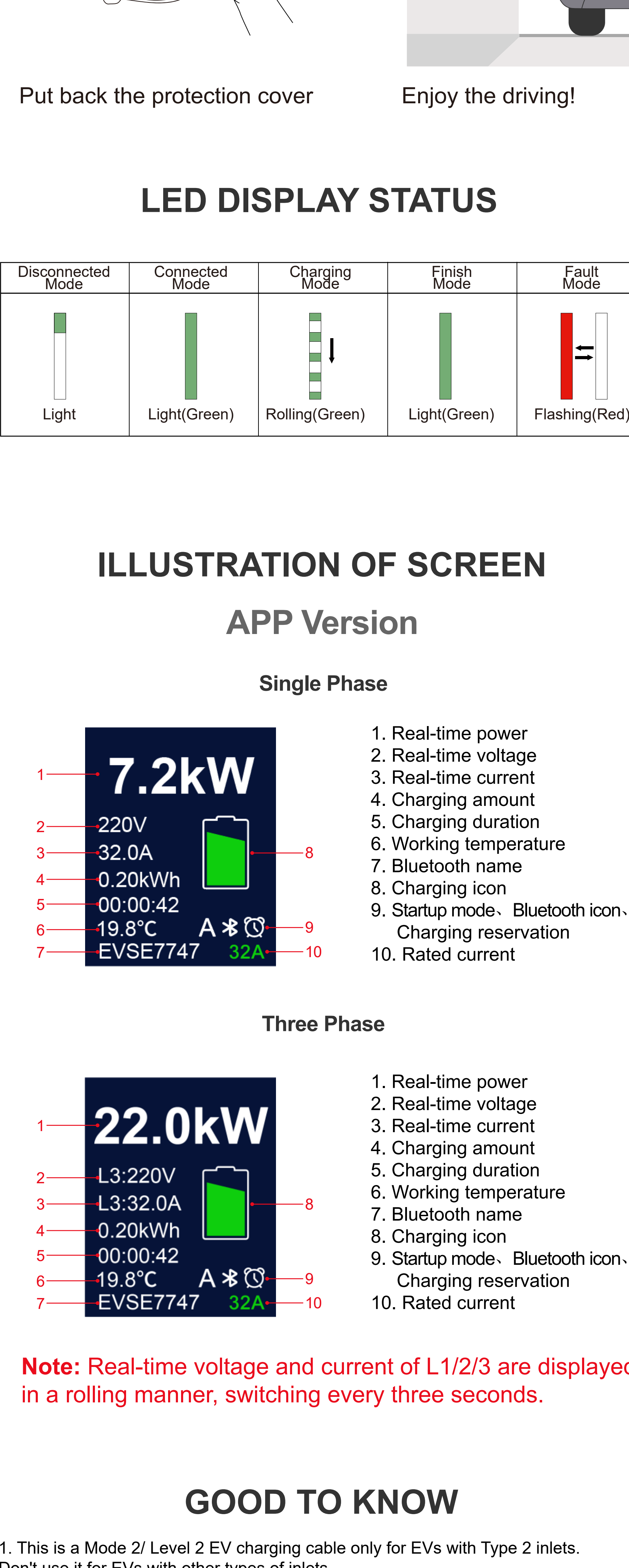


INSTRUCTION FOR USE

START-APP VERSION



FINISH-APP VERSION



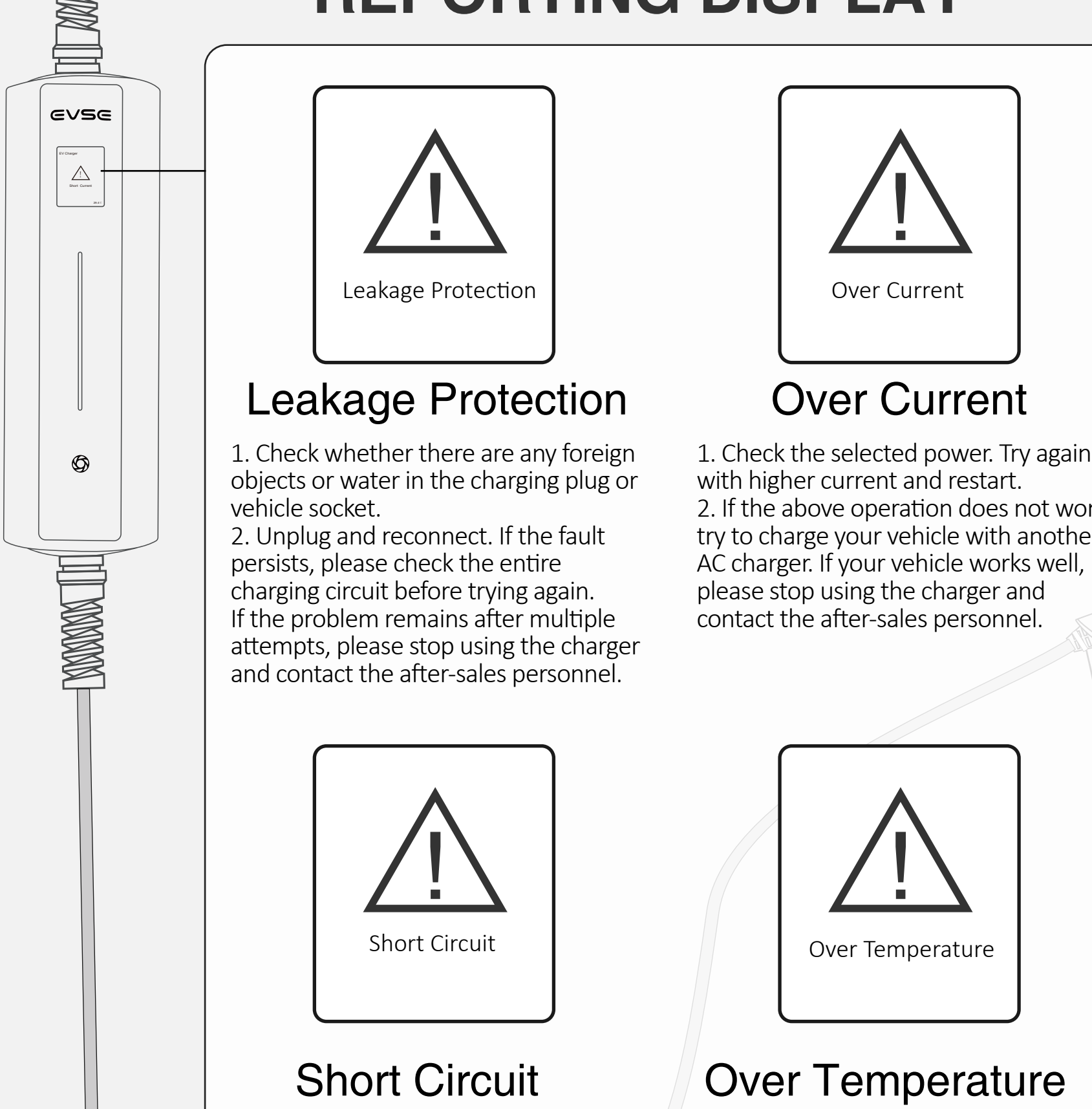
LED DISPLAY STATUS

Disconnected Mode	Connected Mode	Charging Mode	Finish Mode	Fault Mode
Light	Light(Green)	Rolling(Green)	Light(Green)	Flashing(Red)

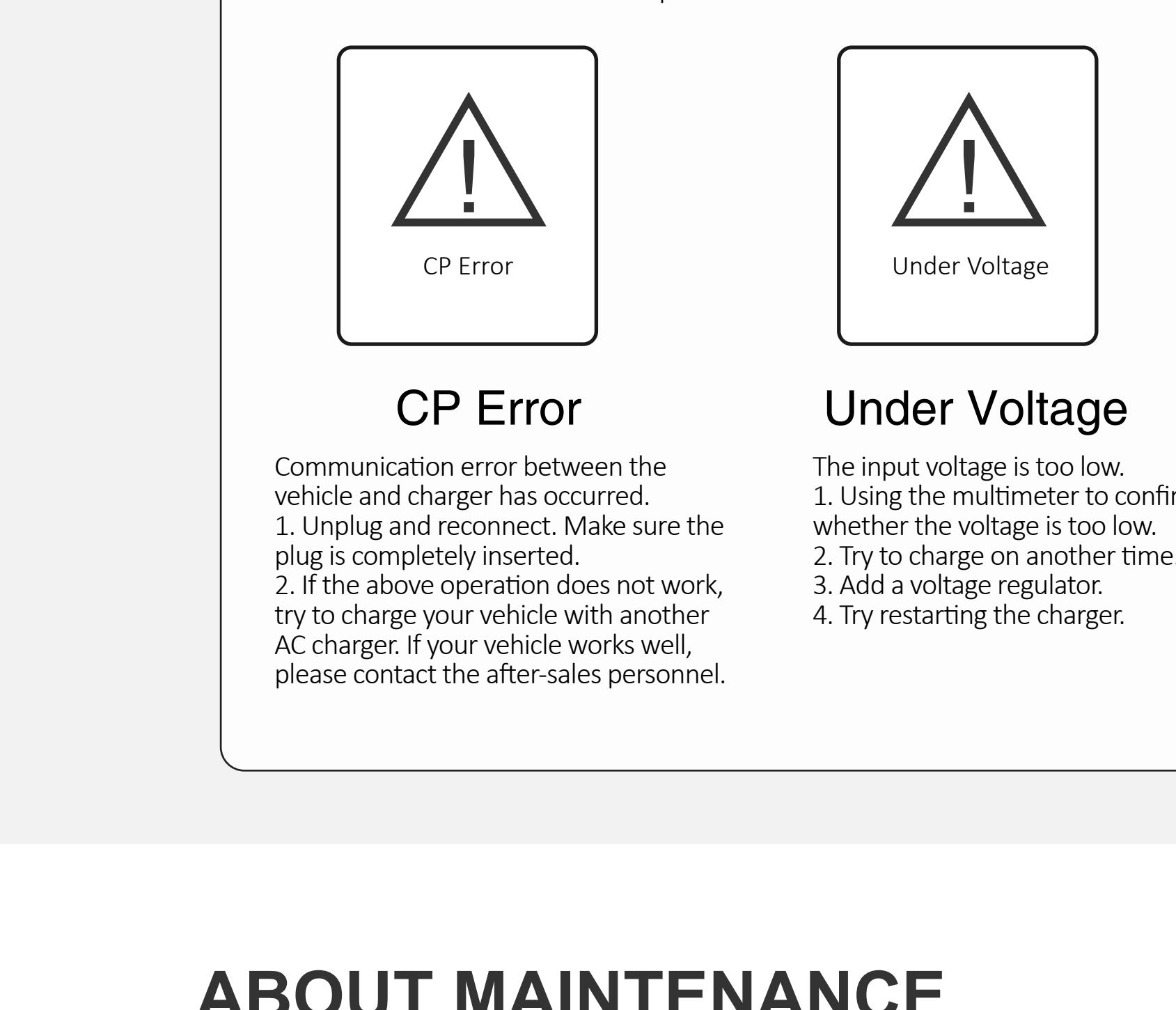
ILLUSTRATION OF SCREEN

APP Version

Single Phase



Three Phase



Note: Real-time voltage and current of L1/2/3 are displayed in a rolling manner, switching every three seconds.

GOOD TO KNOW

- This is a Mode 2/ Level 2 EV charging cable only for EVs with Type 2 inlets. Don't use it for EVs with other types of inlets.
- This cable has complicated internal structure. Any questions, please contact our Customer Service first. Please do not take it apart without any professional technical support.
- Don't use it in the water.
- This product is only for EV charging. Please don't use it for any other purposes, including hauling, binding and so on.

PROFESSIONAL SPECIFICATION

Model	BN70	Certificate	CE/RoHS
Protection	IP66	Operating Current	32A (MAX)
Voltage Range	220V±10% 50Hz/160Hz (Single-phase) 400V±10% 50Hz/160Hz (Three-phase)	Maximum Power	22kW
Auto Charge Recovery	Yes	Current Adjustable	Yes
Warranty	2 Year	Service Life	>50000 times
Insulation Resistance	>10MΩ	Withstand Voltage	2000V
Inlet Cable Spec	5*6mm ²	Shell material	ASA+PC Alloy
Contact Impedance	0.5m Ω Max	Cable Diameter	16.5(mm)/0.65(in)
Working Temperature	-25°C ~ +55°C (CE Certified Range) -25°C ~ +40°C (For optimal long-term performance)	Contact Pin	Copper alloy, silver or nickel plating

SAFETY PROTECTION REPORTING DISPLAY



ABOUT MAINTENANCE

In order to ensure the normal service life of the charger and reduce the risk, maintenance must be performed within the specified time; the maintenance of the equipment needs to be completed by professionals, using qualified and safe maintenance tools.

The product is carefully packed in factory. During transportation, strong impact and bumps should be avoided to prevent damage to the outer packaging of the product.

The product should be placed at an ambient temperature of -25°C ~ +40°C with a relative humidity of less than 95%. The ambient air should not contain acids, alkalis or other corrosive gases and explosive gases. It should also be away from rain, snow, wind and sand.

OVERHAUL

Mode 2/Level 2 charger has been subject to stringent quality inspections. From the day of purchase, any quality problems during the use of the equipment correctly within two years can be reported to the dealer for the after-sales service.

Any incorrectness to handle, install, misuse, repair the product caused by the user's own neglect or any natural damage resulting in direct damage and failure to the product are not covered by the warranty.

This quality guarantee is only for original buyers.

SAFETY WARNING

ATTENTION

- For EV charging only.
- Do not use if the charger is damaged.
- Do not use with an extension cord or adapter.
- Do not open or disassemble any part of the charger.
- Do not disconnect while charging.
- Follow the manual instructions carefully for proper use.

IMPORTANT SAFETY INSTRUCTIONS WARNING!

- Regularly check whether the portable charger has visible damage. Using a damaged product may cause electric shock.
- Make sure that all safety facilities are available at all times and then test regularly to ensure safety.
- If a 'Ground Error' occurs, it must be assumed that the earth wire carries voltage. Please check the circuit and make sure that there is no high-power in the whole circuit system.
- Before powering on the device, please confirm that it is properly grounded to avoid accidents.
- All metal parts should be insulated to prevent short circuit caused by the touch of the tool with the metal frame.
- Do not modify, retrofit, or change any part by yourself under any circumstances.
- To ensure a stable service life and operation of the charging cable, operation environment should be kept clean and with constant temperature and humidity. The charging cable must not be used in the presence of volatile gas or flammable atmosphere.
- Please confirm that the input voltage, frequency, circuit breakers and other conditions have already met the specifications before it is powered on.

NOTE

Please do not use it for other purposes except electric car charging. Do not try to disassemble the device by yourself under any circumstances. Otherwise, the internal precision parts may be damaged, and you will not be able to apply for after-sales service.

MANUFACTURER
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Updated Date: October 29, 2024

This document is a translation of the original instruction manual created by the manufacturer.

Detailed information on the distributor's / manufacturer's warranty terms and conditions is available at website <https://serwis.innpro.pl/gwarancja>

The product must be regularly maintained (cleaned) by the user himself or by specialised service centres at the user's expense and expense. In the absence of information on necessary cyclical maintenance or service actions in the operating instructions, the deviation of the physical condition of the product from a physically new product must be assessed regularly, at least once a week. If any discrepancy is detected or found, maintenance (cleaning) or service measures must be taken urgently. Failure to properly maintain (clean) and react when a dissimilar condition is detected may result in permanent damage to the product. The guarantor is not liable for damage resulting from negligence.

Warnings and safety information

All information regarding the operation of the appliance can be found in the operating instructions. Before using it, read its contents and follow the instructions contained therein. Also read the following information before use:

Warnings for use

Electrical safety:Use only cables and chargers that comply with the vehicle manufacturer's standards and local regulations.Do not use cables or chargers that are damaged (e.g. have visible insulation breaks, deformed plugs).Make sure that the electrical installation at the charging site is suitable for this type of equipment.

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Risk of overheating:Do not use cables or chargers in areas with limited ventilation or in extreme temperatures.Stop charging if you notice excessive heating of plugs or cables.

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- Stop charging if you notice excessive heating of plugs or cables.

Protection from external factors:Avoid contact of cables and chargers with water, oil or other liquids unless they are marked as waterproof (e.g. IP65 compliance).Do not use accessories in areas subject to heavy traffic where they may be mechanically damaged.

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Safety for use in a public place:When charging in public places, ensure that the cable is properly positioned so that it does not pose a tripping hazard to passers-by.Only use certified public chargers that meet safety standards.

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Compatibility:Before use, ensure that the cable or charger is compatible with your vehicle model and the selected charging standard (e.g. Type 1, Type 2, CCS, CHAdeMO).

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Information on correct use

Connecting and disconnecting:Ensure that the charger and vehicle are switched off before connecting the cable.Connect the cable first to the charger socket and then to the vehicle. Disconnect in reverse order.Avoid tugging on the cable when disconnecting - use plugs according to the manufacturer's instructions.

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Storage:After charging, store cables and chargers in a dry place, preferably in a dedicated case.Make sure the cables are not twisted or excessively bent, which can lead to damage to the inner core.

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Maintenance:Regularly check the condition of cables and plugs, looking out for signs of wear, corrosion or mechanical damage.Clean the devices with a dry, soft cloth - avoid using aggressive chemicals.

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Safe charging at home:The electrical system in your home should be checked by a certified electrician before charging your vehicle on a regular basis.If you use portable chargers, make sure they are plugged into a dedicated grounded socket.

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- If you use portable chargers, make sure they are plugged into a dedicated grounded socket.

Charging rules:Do not leave the vehicle connected to the charger for longer than necessary.Monitor the charging process, especially when using high-powered devices.

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Additional precautions

- Environmental protection:Take used or damaged cables and chargers to recycling facilities in accordance with local electronic waste regulations.Avoid disposing of electrical accessories in regular waste bins.
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- Data security (for smart chargers):If your charger has smart features (e.g. mobile app support), make sure that your personal data is properly protected.Update the device software regularly to avoid cyber threats.
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EU DECLARATION OF COMPLIANCE PROVIDED

Nanjing SHENQI Electronic Technology Co., Ltd. hereby declares that the type of radio equipment Portable charger for electric cars Besen BN60 is in conformity with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following web address: <https://files.innpro.pl/besen>

Manufacturer address: Zhongxingxi 9 211200 Nanjing, cn

Radio frequency: 2480Mhz - 2483.5Mhz
Maximum radio frequency power: <20dBm

Environmental protection



Electronic waste labelled in accordance with the European Union directive must not be placed together with other municipal waste. It is subject to separate collection and recycling at designated points. By ensuring that it is disposed of correctly, you will prevent potential negative consequences for the environment and human health. The collection system for used equipment complies with local environmental regulations for waste disposal. You can obtain detailed information on this subject from your municipality, your purification plant or the shop where you purchased the product.

The product complies with the requirements of the so-called New Approach Directives of the European Union (EU), which deal with issues relating to safety of use, health protection and environmental protection, specifying the hazards that should be detected and eliminated.

Importer: **INNPRO**

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