



EV Buddy Base

User Manual



Temperature
Protection



Auto
Repair



Efficient
Charging



Protection
Level IP67



RCD



High End
MCU



Under Voltage
Protection



Over Voltage
Protection



Short Circuit
Protection



Earth Leakage
Protection





Lightning
Protection



Over Load
Protection

IMPORTANT SAFETY INFORMATION

Symbol	Meaning
	"Non-recyclable" mark: located on the product, instruction manual or package, indicating that electrical and electronic equipment and its accessories should be treated separately from ordinary household waste. When scrapped, it should be treated as industrial waste, otherwise it may cause accidents.
	Warning sign: indicates danger. Pay attention to the personal injury that may be caused by operation procedure or incorrect operation. Actions after the "warning" mark can only be performed when the conditions indicated by the condition are fully understood and satisfied.

WARNING AND CAUTIONS

This device should be supervised when used around children.

Do not use the device when the charging cable is damaged.

For electric vehicle charging only.

The product must be well grounded when used.

It is strictly prohibited to step on the charging cable, pull the cable, bend or knot the cable.

Do not put your finger into the charging plug.

Do not connect the circuit by yourself without the guidance of a professional.

Do not use when the inside of the charging plug is wet.

Do not install by yourself before reading the installation instruction.

Do not use for other purposes except for electric car charging.

SPECIAL ATTENTION: Do not try to disassemble the device by yourself under any circumstances, this may cause damage to the internal precise parts, and you will not be able to enjoy after-sales service.

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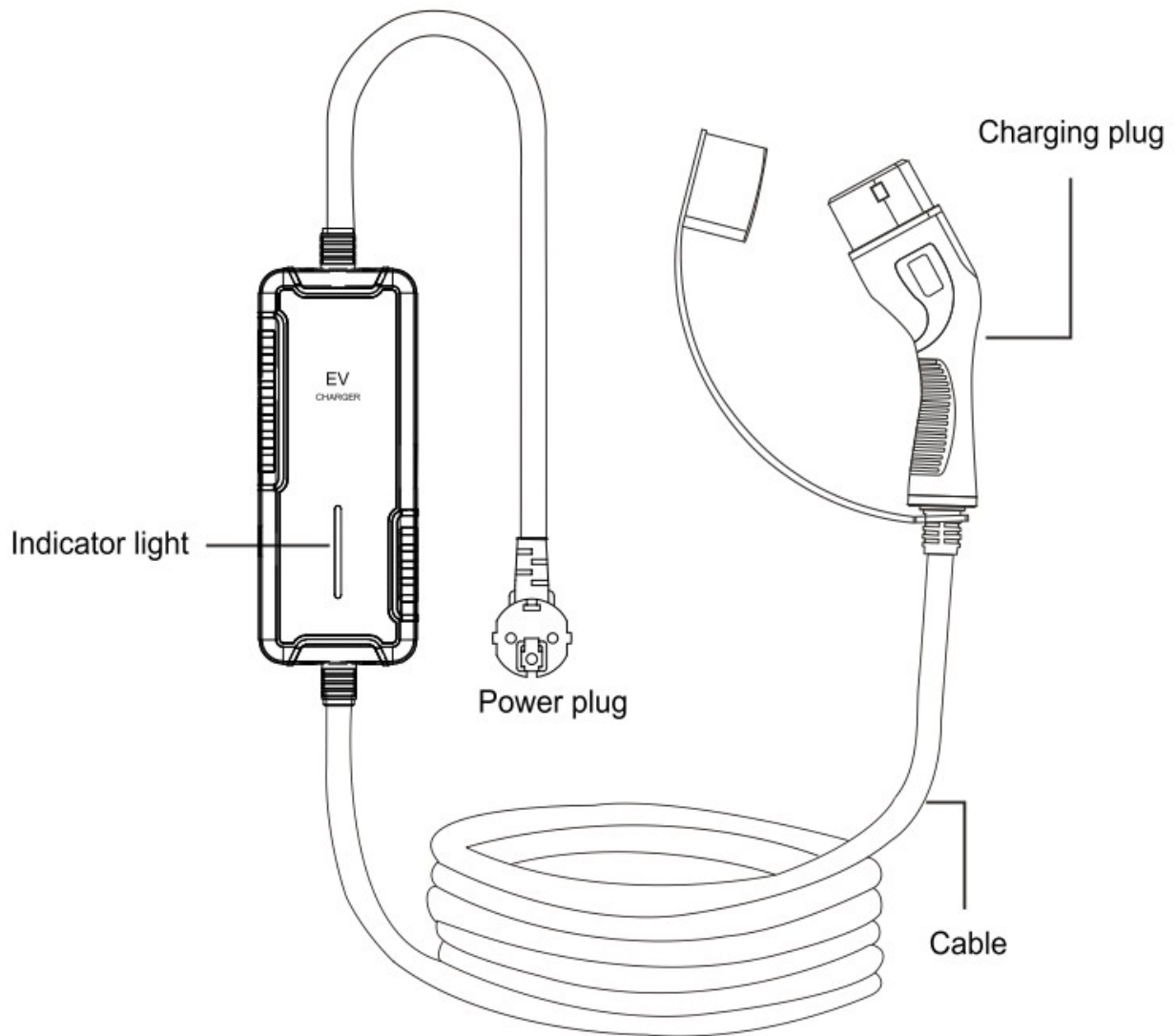
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EV Buddy is committed to the continuous improvement and update of the product, product hardware and software will continue to upgrade, the information provided is subject to change without prior notice.

Version: V1.0

Revision date: 2026-04

PRODUCT OVERVIEW



Appearance of AC charger

NOTE: No display screen, current switch button,
time booking button for fix current AC charger

PRODUCT PARAMETER

EV Buddy Base

Parameter	EV Buddy Base
Charging plug	EU Type 2
Rated current	8A
Power plug	CH T13
User Interface	Indicator light
Charging model	Plug & Play
Dimension	210 x 85 x 50mm
Input voltage	220~240 Vac
Input frequency	50 / 60Hz
Output voltage	220~240 Vac
Electric leakage protection value	30mA AC + 6mA DC
Charging Wire length	5m (Total)
Work temperature	-25°C ~ 45°C
Work humidity	5% ~ 95%
Work altitude	≤ 2000m
IP Degree	IP67
Cooling Model	Natural cooling

STEPS FOR USAGE

Charge

1. Check the power distribution cable for damage before powering up.
2. Plug the mains plug into the socket.
3. Make sure that the power outlet complies with national standards and that the socket is corresponding.
4. Plug the vehicle plug into the socket is fully inserted until it clicks into place.
5. Make sure that the vehicle connector is fully inserted until it clicks into place.
6. The charger works automatically, the indicator light is blinking blue.
7. For current adjustable models, switch the power and current before plug the connector into vehicle socket.

Charge completed



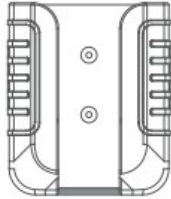
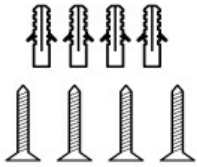
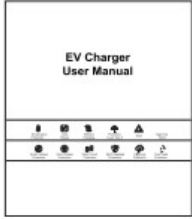
1. **Disconnect the power plug.**
2. Disconnect the charging connector.
3. Cover the connector cap onto plug.
4. **Insert the charging cable into the carrying case.**

Warranty

Damage caused for the following reasons is not covered by the warranty:

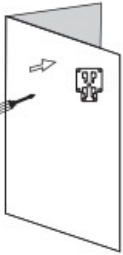
1. Improper handling, installation, use and maintenance by the user.
2. Product falls into the water.

WHAT'S IN THE BOX

		
<p>Charging station x 1 Charging plug (opt)</p>	<p>Double Sided Microfiber Towel *1</p>	<p>Charging Box Holder *1</p>
 <p>M3.5*35mm</p>		
<p>Rubber plugs + Screws for hanging board x 4</p>		<p>User Manual x 1</p>


INSTALLATION

1




Fix the **PLATE** with **SCREWS** on the wall

2



Place **STATION** onto **PLATE** on the wall

3



Assemble the **ANTI-THEFT SCREW** from side

This device shall be mounted at a sufficient height from grade such that the height of the storage means for the coupling device is located between 600 mm (24 inches) and 1.2 m(4 feet) from grade.

FAULT INDICATOR PROMPT

Working Condition	Light state		
	Red	Green	Blue
Power On (Unplugged)	/	Stays On	/
Insert the plug (Uncharged)	/	Flashing	/
Charging Mode	/	/	Flashing
Charging Completed	/	/	Stays On
Communication Error	1 Flash	/	/
Under-voltage protection	2 Flashes	/	/
Over-voltage protection	3 Flashes	/	/
Ground Fault	4 Flashes	/	/
Over current protection	5 Flashes	/	/
Relay Failure	6 Flashes	/	/
Leakage protection	7 Flashes	/	/
Over-temperature protection	8 Flashes	/	/

Remarks: Error Frequency is 0.5s, pause 2S, continuous loop.

When the red light flickers

1. One times 0.5s on, 0.5s off : CP voltage abnormal
2. Two times 0.5s on, 0.5s off : Input over voltage or abnormal grid frequency
3. Three times 0.5s on, 0.5s off : Input over voltage or abnormal grid frequency
4. Four times 0.5s on, 0.5s off : The charging box is not grounded or poorly grounded
5. Five times 0.5s on, 0.5s off : Over current fault during charging
6. Six times 0.5s on, 0.5s off : Relay Failure
7. Seven times 0.5s on, 0.5s off : There is a leakage problem during charging
8. Eight times 0.5s on, 0.5s off : Over temperature protection

COMMON TROUBLE HANDING

Fault	Reasons	Suggestions
Excessive Leakage Current	Excessive Leakage Current	<ol style="list-style-type: none"> 1. Disconnect the leakage/over current protection switch of the distribution box immediately. 2. Check whether the AC charger output line is damaged or has low impedance to the ground or short circuit. 3. Check the inlet socket of the vehicle is in good condition or not. 4. After troubleshooting the above problems, power on again. If the problem still exists, please contact us.
AC Overcurrent	High Input Current	<ol style="list-style-type: none"> 1. Disconnect the leakage/over current protection switch of the distribution box immediately. 2. Check whether there is low impedance or short circuit between the two output lines of AC charger. 3. After troubleshooting the above problems, power on again. If the problem still exists, please contact us.
Ground Fault	Failure Grounding to Input/Output Line	<ol style="list-style-type: none"> 1. Disconnect the leakage/over current protection switch of the distribution box immediately. 2. Check whether the input/output line of the AV charger is grounded properly or not. 3. After troubleshooting the above problems, power on again. If the problem still exists, please contact us.
AC Under-Voltage	Low Input Voltage	<ol style="list-style-type: none"> 1. If the voltage is lower than the Under-voltage protection value for a short period of time, the charger will stand by and check the power network to restore itself to the normal voltage range, then the charger will automatically rework. 2. If the voltage in this area/community is under-voltage for a long time, then wait to use the charger only after the voltage recovers back to normal range.
AC Over-Voltage	High Input Voltage	<ol style="list-style-type: none"> 1. If the voltage exceeds the Over-voltage protection value for a short period of time, the charger will stand by and check the power network to restore itself to the normal voltage range, then the charger will automatically rework. 2. If the voltage in this area/community is over-voltage for a long time, then wait to use the charger only after the voltage recovers back to normal range.
Relay Failure	Relay Failure or Adhesion	<ol style="list-style-type: none"> 1. Restart the charger, let the charger run itself check and repair. 2. Fault persists, please contact us.
CP/CC Error	Defective CP/CC Error	<ol style="list-style-type: none"> 1. Check whether the connection of charging plug with the inlet socket of vehicle is tight and reliable or not. 2. If the fault persists, please contact us.

SAVETY INSTRUCTIONS

EV Buddy Base must be stored in a clean, ventilated and non-corrosive indoor environment. Ambient temperature and humidity values will directly affect the life and quality of EV Buddy Base. Temperature and relative humidity must meet the following requirements:

Storage temperature: -25°C~45°C

Storage humidity: 5%-95%

To ensure the good condition and longevity of the charging station, make sure to do the following maintenance and care:

1. Clean the appearance and charging interface of the charging station regularly using a clean damp cloth. Do not use any corrosive substances for cleaning.
2. Check the cables and plugs of the charging station for any damages. If found, please repair or replace them promptly.
3. Regularly inspect the power cord and connectors of the charging station to ensure they are securely fastened.
4. If any abnormal conditions are observed, such as excessive heat, strange odor, or damages, immediately stop using the charging station and contact the after-sales service for assistance.
5. Do not pull the cable by hand when removing it from the wall and installing it.