

**REXING®**

# **Level 2 EV Charger 32A**

User Manual

The information in this manual is subject to change without notice.


[www.rexingusa.com](http://www.rexingusa.com)

# Overview

## Thank you for choosing **REXING!**

We hope you love your new products as much as we do. If you need assistance, or have any suggestions to improve it, please contact us.

 **care@rexingusa.com**

 **(877) 740-8004**

Our support team will respond to you as soon as possible.

Always a surprise with Rexing

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 Site



 Product Support



## **Warning**

- This portable Level 2 EV charger requires an electrical outlet that has a Ground Fault Circuit Interrupter (GFCI) or Residual Current Device (RCD) installed at the electrical supply panel or the electrical outlet itself.
- Do not use this charger if it shows signs of damage.
- This charger is designed for use only with Electric Vehicles.
- Do not use an extra wire or switch plug that is not specifically designed for use with the charging system.
- To avoid risk of injury, do not attempt to disassemble this device or touch the internal conductive unit.

## **Caution**

- Before charging, ensure the charging equipment, charging interface, cable, IC-CPD, wires and plug show no signs of physical damage including rust and other abnormal conditions.
- If the surface of the charger gets wet, power will automatically cut off. Please, wipe dry with a clean cloth to resume normal operation.
- Before charging, please make sure that the supply plug is consistent with the specification and model of the supply socket.
- In charging status, the IC-CPD should be placed in a clean and tidy space to ensure that the cables are neatly and placed without folding or winding.
- Do not use this product in the environment of corrosive liquid, flammable dust, flammable materials, etc.

## Charging Cable Safety

Thanks for using adjustable IC-PCD, please read instructions carefully before using the product in order to help you use the product correctly.



### Caution

The symbol means: In the case of many or some extent endanger the safety of personal and property or damage the product facilities, give a reminder to avoid accidents.



### Warning

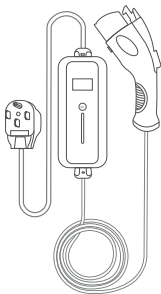
The symbol means: In the case of seriously endangering personal and property safety or damage to product facilities, prohibition instruction are given to avoid serious consequences.



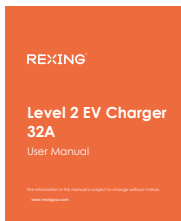
### Caution

- The product should avoid to immerse in water as far as possible. It should be above 0.75m away from the ground in charging.
- The product is a precision integrated circuit equipment, to avoid falling from high place, heavy objects hit pressure and other behaviors.
- The minimum operating temperature of the product is -40 C.
- The supply cable specification is 3G 12 AWG.
- The surface of this product is waterproof. Please do not tear the label forcibly.

# What's in the box?



Evmobile Charger



User Manual

# Product Overview

## Front panel display information



1. Device temperature
2. Charging current
3. Charging voltage
4. KWh charged
5. Current settings
6. Charging speed (KW)

Light Indicator	Screen	Connector Status	Status
R/G/B/Blinking	Self-inspection interface	Disconnected	Self-inspection
Blue on	Function interface	Disconnected	Standby
Blue on	Function interface Setting interface	Disconnected	Current setting Current setting
Green blinking	Function interface	Connected	Charging
Green on	Function interface	Connected	Charger finished
Red on	Earth Protection	Connected	Charging fault
Red on	Overvoltage Protection	Connected	Charging fault
Red on	Undervoltage Protection	Connected	Charging fault
Red on	leakage Protection	Connected	Charging fault

Light Indicator	Screen	Connector Status	Status
Red on	Overcurrent Protection	Connected	Charging fault
Red on	Overtemperature Protection	Connected	Charging fault
Red on	Relay Fault	Connected	Charging fault
Red on	Communication Failure	Connected	Charging fault

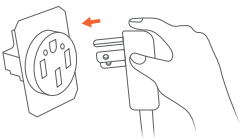
# Basic Operation




## Charging your vehicle

1. To check whether the local voltage is consistent with the rated voltage.

## Charging operation steps

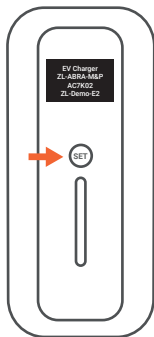
2. Insert Plug into appropriate wall outlet.



Outlet	Configuration	Voltage	Recommended Current
Nema 5-15		110V AC	12 AMP
Nema 6-20		240V AC	16 AMP
Nema 14-50		240V AC	40 AMP



3. Plug into power supply, the LED will power on, the equipment start to self-inspection, it will be for 5s. then you can see the charging interface.



EV Charger  
ZL-ABRA-M&P  
AC7K02  
ZL-Demo-E2

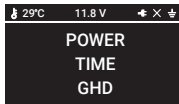
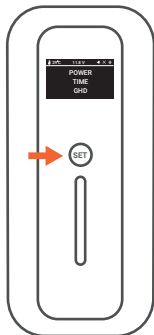
Self-inspection interface

27°C	5.8 V	← ↓ ↑
214 V	15.2A	3.3kw
16A	00:00:00	0:00kwh

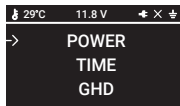
Charging interface

## Current Setting

1. When the blue indicator light is on (not blinking), press and hold SET for 3s in charging interface. The function interface is on. Three options you can see.



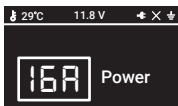
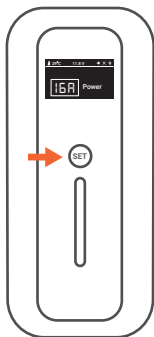
Self-inspection interface



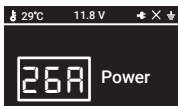
Charging interface

2. Press SET, choose power option (the arrow is here).

3. Press and hold for 3s function switch, the currents interface will be on.
4. Press the function switch, the current will be charged, select the current you want (10A/16A/24A/32A).
5. Press and hold for 3s function switch, the screen will be back to charging interface. The current setting finished.
6. Insert the vehicle connector to vehicle inlet, the indicator light turns blue to green (blinking means charging, always on means charger finished).



16A Current



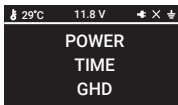
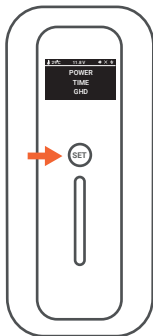
26A Current



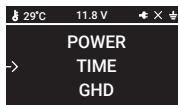
32A Current

## Charging Timer Settings

1. When the blue indicator light is on (not blinking), press and hold for 3s SET in charging interface. The function interface is on. Three option you can see.

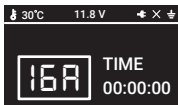
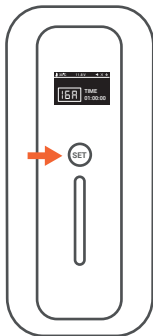


Function interface

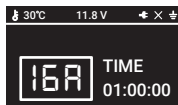


Time option interface

2. Press SET, choose time option (the arrow is here).
3. Press and hold SET for 3s, the time interface will be on.



No time setting

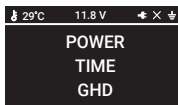
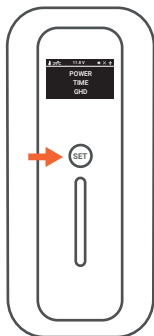


Finished time setting

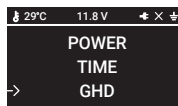
4. Press SET, set the time that you want (Press the set button to increase charging by 1 hour. 12 hours MAX).

## Ground protection settings

1. The EV charger has activated the ground protection by default.
2. When the blue indicator light is on (not blinking), press and hold SET for 3s. charging interface. The function interface is on. Three option you can see.
3. Press the SET to select the GHD option (arrow here).



Function interface

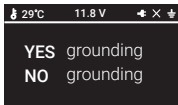
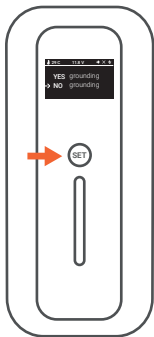
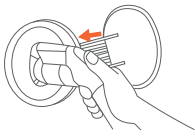


Time option interface

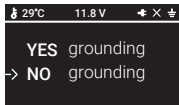
4. Press SET and you will see two options, select the "No grounding" option (arrow here).
5. After selection, the screen will show "No grounding", turn off the grounding protection setting successfully.

## Connect charger to EV.

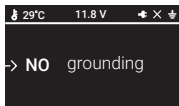
Connect the charger to the car and the socket, you need to wait for a while for your car to match with the charger, after successful connection the indicator blue turns green and starts charging.



GHD interface



NO grounding interface



NO grounding interface

# Product Specs

Max Current	32A
Input Voltage	95-270V AV
Output Voltage	95-270V AC
Service Life	>10 000 Times
Insulation Resistance	$\geq 500\text{M } \Omega$ (DC500V)
Operating Temperature	-40°F to 131°F
Storage Temperature	-40°F to 176°F
Maximum Voltage	1500V
Charging Cable Length	17ft
Cable Material	UL
Wall Plug Type	NEMA 14-50 plug
EV Connector	SAE-J1772



# Warranty & Support

## Warranty

The Rexing Level 2 EV Charger comes with a full 12-month warranty. If you register your product on our official site (<https://www.rexingusa.com/support/registration>), you can extend the warranty to 18 months.

## Support

If you have any questions regarding your product, please do not hesitate to contact us at [care@rexingusa.com](mailto:care@rexingusa.com), or call us at (877) 740-8004. Queries are typically answered within 12-24 hours.

## Your opinion matters

Rexing is firmly committed to always improving our products, services, and user experience. If you have any thoughts on how we can do even better, we welcome your constructive feedback and suggestions.

Connect with us today at [care@rexingusa.com](mailto:care@rexingusa.com)

**Thank you for choosing Rexing!**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

# REXING®



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