VEVOR

Upgrade · The Home Creator Way

ELECTRIC FENCE CHARGER

MODEL: TT-P3、TT-P4

VEVOR
Support Center

TT-P3 **TT-P4(US)** **TT-P4(EU)**

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ELECTRIC FENCE CHARGER

MODEL: TT-P3



MODEL: TT-P4



This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

SAFETY INSTRUCTIONS

WARNING:

Please read this manual before installation and use, be familiar with the correct use method of this product and standardize the operation, otherwise all the consequences will be borne by the user.

The product complies with relevant standards and regulations.
Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment.
This equipment generates pulse voltage up to 8000V at the output during operation. Never touch the output terminal, front-end wires, or any metal part of the fence
while the unit is working
Do not install or maintain the fence or charger during thunderstorms to avoid lightning strike.
Installers must have knowledge of electrical safety and electric shock rescue. Read and understand this manual before installation.
Do not open the host housing for repair. Unauthorized disassembly will void the warranty and may cause electric shock hazard.
The unit must be properly grounded. The ground rod should be buried at least 1.5 meters (5 feet) deep in moist soil to ensure effective grounding.
Warning signs must be installed along the fence at locations where persons may come into contact. The sign shall be yellow with black text, measuring at least 100×200mm.
Do not use this equipment in flammable or explosive environments such as gas stations, chemical plants, or barns.
Fence wires must not cross or be placed near overhead power lines. Maintain a minimum distance of 3 meters from low-voltage power lines.
This product is not a toy. Do not allow children to play with or near the fence.
This unit contains a built-in lithium battery. Do not dispose of batteries in

fire, short-circuit, or disassemble. Store fully charged in a cool, dry place if not used for extended periods.（电池款）

If solar charging is insufficient during prolonged rainy days, charge the unit using a DC 5V power adapter.

At the end of the product's life, batteries and electronic components must be recovered by a professional service provider. Do not discard irresponsibly.

Precautions for installation: The voltage generated by the product is pulse voltage.





1. This product has high voltage inside during operation. To avoid electric shock, please do not disassemble it without permission;
2. There is 5000V~10000V high voltage at the output end and front end of the product. Do not touch it when the product is working; Please install the host after correctly installing the front fence rod sub alloy wire and the correct circuit. Do not install the host with electricity.
3. Do not install electric fence during lightning;
4. Do not install the pulse host directly outdoors or in a humid place.
5. In case of any abnormality of the product, the power supply shall be cut off first, and the professional installation or maintenance personnel shall be notified in time. Do not disassemble or repair by yourself, or you will bear the consequences;
6. The user shall not open the host for maintenance, otherwise our company will not provide warranty;
7. Users of this product must have knowledge of electrical safety and electric shock rescue;
8. Please read this manual before installation and use, be familiar with the correct use method of this product and standardize the operation, otherwise all the consequences will be borne by the user.

PARTS LIST





Fence Charger
(TT-P3 or TT-P4)



Power Adapter
U.S.-spec or Euro-spec



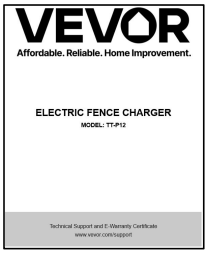
DC Power Cable



Warning Sign



Power Output cable



Manual

PRODUCT PARAMETER

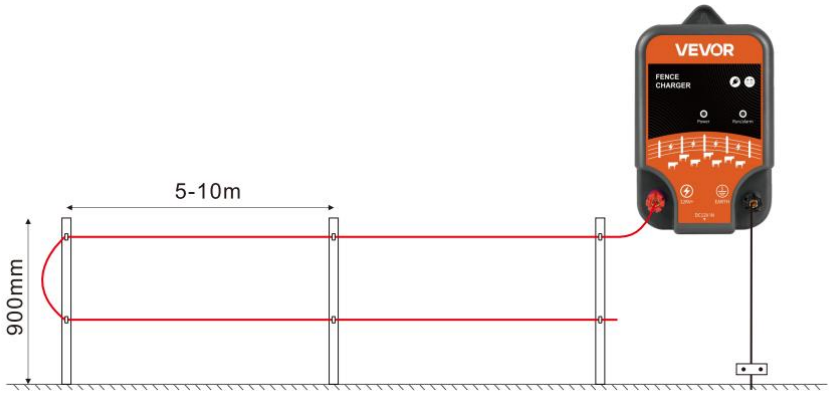
Model	TT-P3	TT-P4
Equipment power supply	Power Adapter: DC12V 2A	
Equipment power	≤5W	
Energy output	2.0J	3.0J
Voltage output	10kV	12kV
pulse amplitude	10kV	12kV
pulse width	≤1ms	

Discharge interval	1.0s
Single line reachable length	1~3km
Protection grade	IP65
Relative Temperature	-20 ℃ ~ +50 ℃
Relative humidity	Less than 95%
Host pulse output port	Single channel pulse output
Product Size	110*180*55mm

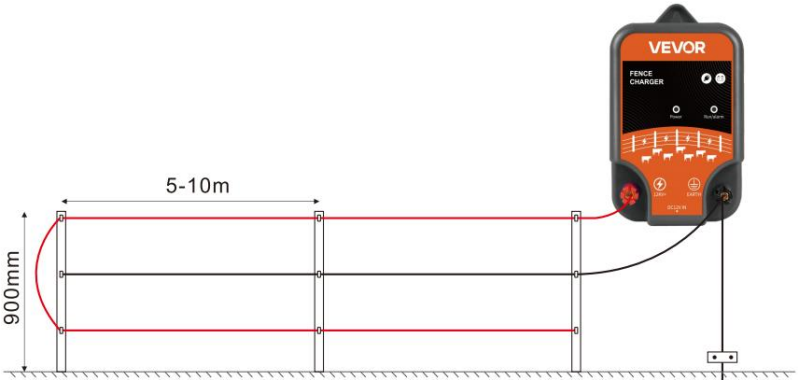
EQUIPMENT INSTALLATION

(一)Installation of metal conductive cable

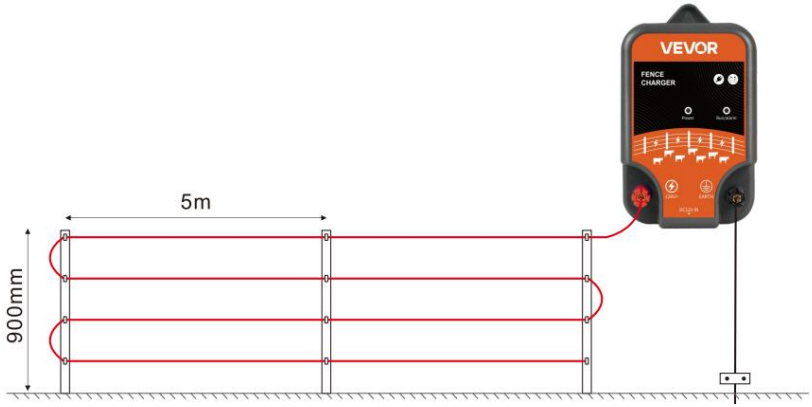
The wiring method of the front conductive cable needs to be reasonably installed according to the type, size and conductive materials of the animals in captivity. The following are some typical wiring diagrams. Find the same and similar wiring methods according to your needs.



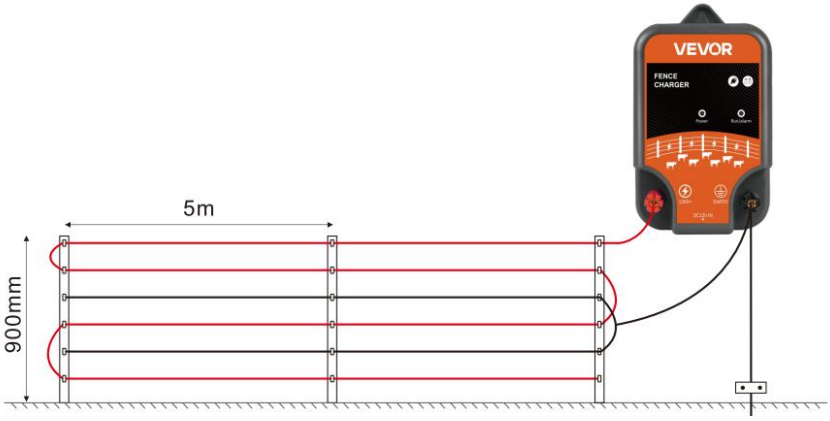
Two wire wiring diagram



Three wire wiring diagram



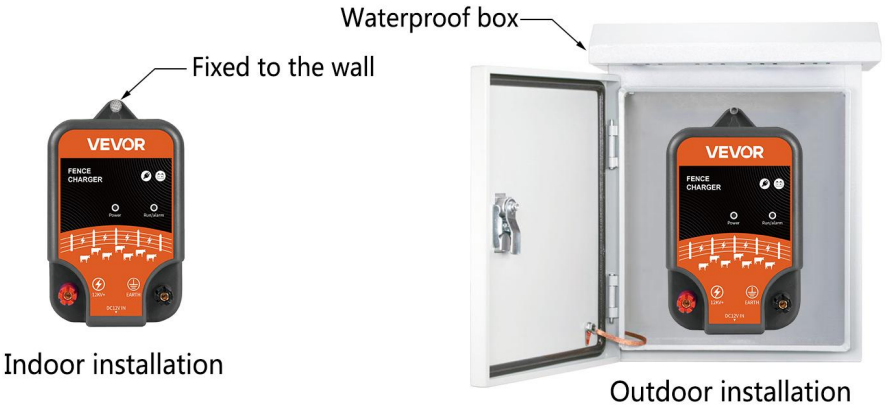
Four wire wiring diagram



Six wire wiring diagram

(二) Equipment installation

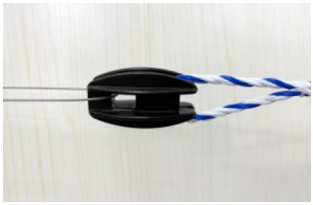
1. Fix the pulse electric fence host indoors, and if it is installed outdoors, it needs to be installed in a waterproof box.



2. There are one red terminal and one black terminal at the terminal of the pulse electric fence. The red terminal is the high-voltage pulse output terminal, and the black terminal is the grounding terminal.



3. Install insulator, spring, insulating handle and other accessories on the front wooden pile.



Terminal rod insulator

It is mainly used to fix at the corner or the terminal wooden pile, fix and tighten the power on rope, and ensure the insulation with the wooden pile.



Self-tapping insulator

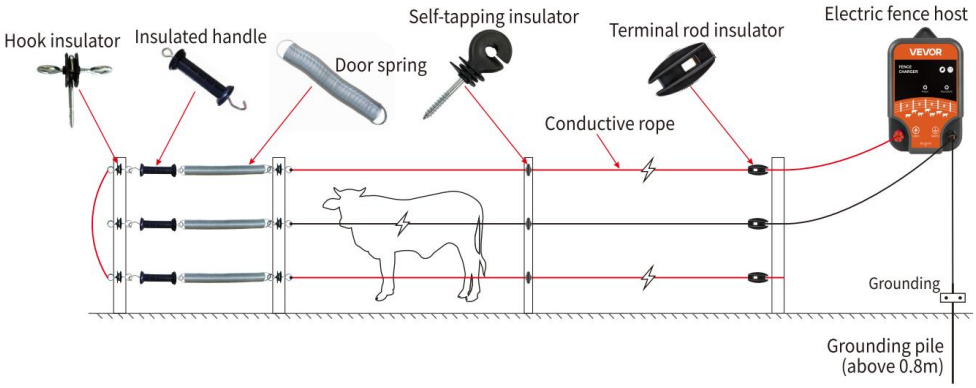
It is mainly installed on the upright pole with soft material such as wooden pile or plastic pile, which plays the role of supporting conductive rope and insulation.



Spring door

It is composed of two-way hook insulator, insulating handle and door spring. After the fence door is determined, it is connected to the upright rods on both sides of the door, which can be removed at any time to facilitate the access of people or animals and ensure the integrity of the perimeter when the door is closed.

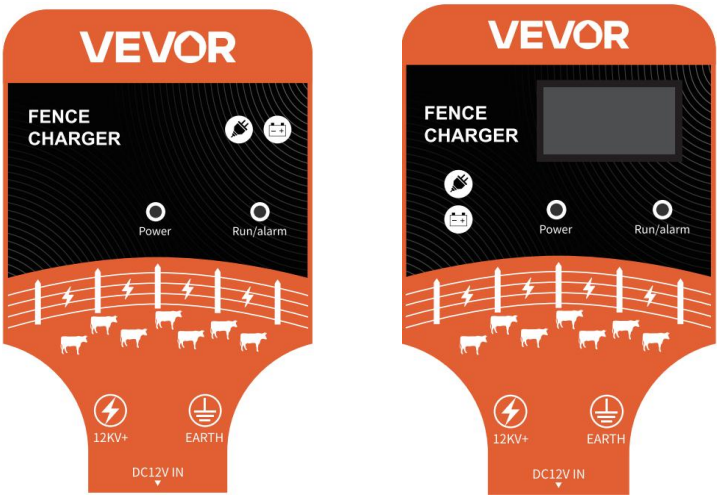
4. There are one red terminal and one black terminal at the terminal of the pulse electric fence. The red terminal is the high-voltage pulse output terminal, and the black terminal is the grounding terminal,The grounding terminal can also be connected to a wire on the fence after being connected to the grounding pile (this wiring mode can make large animals feel stronger blows when they encounter the red pulse output wire and the black grounding wire at the same time. Note: the black grounding wire must not have any contact with the red pulse output wire on the fence).



5. Pulse electric fence is powered by power adapter, lead-acid battery or solar energy (one out of three)



DESCRIPTION OF ELECTRIC FENCE PANEL





Power indicator light



Work operation indicator light

INSTALLATION PRECAUTIONS

1. The installed metal conductor must be insulated from the support pole, whether it is a wooden pile or a metal support pole, special insulators must be installed.

2. If the wire connected to the output end is connected to other metals or connected to the ground in rainy and humid environment, the output voltage of the equipment will be pulled down, reducing the impact on animals.

3. It must be effectively grounded. If there is no rain for a long time in the northern region, the land is very dry, or in a desert area, the strike force of

the voltage will be reduced, and a slightly humid environment should be selected as far as possible.

4. This product is only used for breeding and special places. Do not touch pulse high-voltage equipment.

5. Weeds and branches around the metal conductive cables, such as many entangled wires, need to be cleaned in time, otherwise the voltage will be reduced and the equipment will lose its function. Especially when it rains, the conductor will be fully grounded and the voltage will drop to a lower level.

6. The transition wire from the impulse output terminal and the grounding terminal of the electric fence to the front metal conductor and the grounding pile cannot use a multi-core power line for transition. Two independent power lines must be used and the spacing between the two lines should be more than 16 feet.

7. In case of the following conditions during installation, it is recommended that the host of the electric fence should lead out a metal wire on the fence while grounding the black grounding terminal (as shown in the above metal wire installation legend): the environment ground is dry, large animals are kept in captivity, and long-distance places (more than 0.6 mile).

FAQ

Q: How to judge whether the test equipment is working normally?

A: **1.** If the screen lights up, the power indicator light stays on, and the running light is flashing, it is considered normal; If the running light is constantly on, it indicates a device malfunction.

2. After the host is turned on normally, listen to whether there is a normal pulse voltage output sound from the host (when the host is working normally, it will emit a ticking discharge sound, and if there is no sound, it indicates equipment failure). Connect one end of an insulated wire to the

red output terminal and the other end close to the black ground terminal (within 0.1 inch), and check for any electrical sparks. If there is a clicking sound or spark, it indicates that the equipment is working properly. If there is no electric spark, it indicates that the equipment is faulty.

Q: What is the reason for the electric fence with little or no electric shock (animals do not respond when touched)?
A: 1. First check whether the device is running normally. (Refer to Question 1).
2. Check if the connection between the red output port on the host and the black ground port is loose.
3. Check whether the line connected to the red output port on the fence is in contact with weeds, trees, metal objects and the ground (if so, please adjust the line on the fence in time).
4. Check whether the wire connected to the red output port on the fence is in contact with the wire on the black ground terminal. (The wire on the red output terminal must not be in contact with the wire on the black ground terminal).
5. Check whether the grounding place of the host is dry or the grounding pile is not deep enough (try to avoid too dry environment for grounding, and the grounding pile needs to be buried in the ground more than 5 foot). When the electric fence installation environment is dry and the grounding is poor, you can refer to the installation instructions in the manual to lead a ground wire to the fence.

DISCLAIMER

(1). The voltage generated by the product is pulse voltage. It has high voltage inside during operation. To avoid electric shock, please do not disassemble it without permission.

(2). There is high voltage at the output end and the front end of the product. Do not touch it when the product is working; please install the front fence pole, alloy wire and correct circuit before installing the solar charger. Do not

install the solar charger with power on.

(3). Never Install Electric Fences During Thunderstorms.

(4). Please read this manual before installation and use, familiarize yourself with the correct use of this product and standardize the operation, otherwise all the consequences will be borne by the user.

(5). The manufacturer's packaging pattern may change without notice, and the store pictures will be updated as much as possible to ensure the latest product types.



CORRECT DISPOSAL

This product is subject to the provision of European Directive 2012/19/EU. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices.

FCC INFORMATION

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

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) This product may cause harmful interference.

2)This product must accept any interference received, including interference that may cause undesired operation.

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

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This unit generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

