



TRUCKERY

HCSP24V150

Intelligent Lithium Battery

Product Manual



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TRUCKERY

Welcome to choose our company's products. This product is a new type of lithium battery startup power supply developed by our company. For the safe and reasonable use of this product, please read this manual in detail before using it. A high-performance, long-life intelligent lithium battery leading in China, incorporating high-tech features such as ultra-low-temperature high-current starting, high-power long-endurance power supply, and remote online diagnostics.

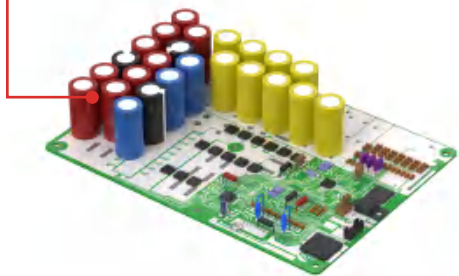


Battery Management System

Equipped with comprehensive protection features such as active balancing, over-voltage protection, over-current protection, under-voltage protection, short-circuit protection, over-temperature protection, reverse polarity protection, over-charge protection, and over-discharge protection.

Forced Start Function

In the event of a battery discharge, the truck can be started by pressing the forced start button, or it can also be operated via a mobile phone. This product can fully replace the standard lead-acid batteries equipped in various types of trucks.



Mobile View Function

By scanning the QR code on Truckery, you can view various battery parameters such as voltage, current, temperature, battery level, and usage count in real time on your mobile phone.



Cloud Monitoring Function

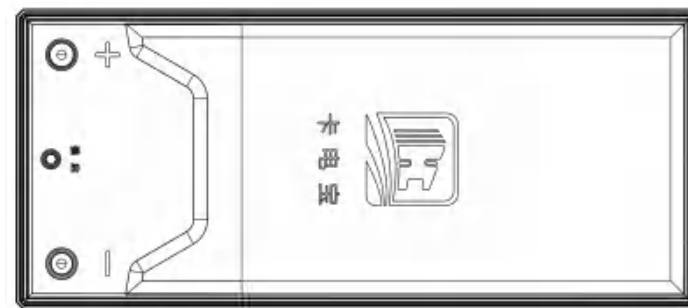
Real-time monitoring of product operation status is conducted from the cloud. In case of a failure, the user will be promptly informed about the fault information via the internet and telecommunication networks.

Installation Instructions

Product Inventory

NUMBER	PROJECTS	SPECIFICATION
1	Truckery	HCSP24V150
2	Product Manual	HCSP24V150

Wiring Diagram



Installation Steps

1. Turn off the main power supply.
2. Unfasten the fixation clip, open the cell cover of the Card Power Treasure.
3. Dismantle positive and negative harnesses.
4. Remove fixing bolts and pressure strip, take out the original vehicle battery.
5. Install the Card Power Treasure according to the position of the fixing hole.
6. Install the fixing pressure strip and bolts.
7. Correspondingly install positive and negative harnesses.
8. Mount the cover onto the cell compartment of the Card Power Treasure, tighten the clamp and switch on the power.



Scan to view
the installation
video.

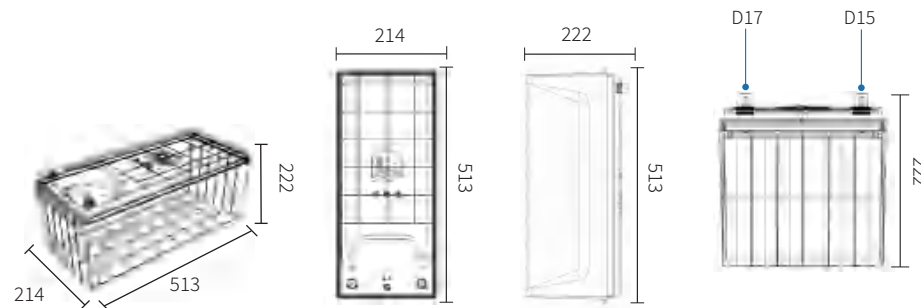
System Performance Metrics

HCSP24V150 Smart LiFePO4 Starting Battery



NUMBER	PROJECTS	DETAILS
1	Match module	1P8S
2	Rated voltage(V)	25.76V
3	Capacity(Wh)	3451Wh \pm 5%
4	WEIGHT	28 \pm 5%
5	SIZE(mm)	513x214x222mm
6	Continuous Charge current(A)	120A
7	Continuous Discharge current(A)	120A
8	Maximum starting current(A)	3000A
9	Overcurrent Protection	>120A
10	Overcharge Protection	Y
11	Overdischarge Protection	Y
12	Heating Function	Y
13	Port Type	Dedicated Pole Head
14	Bluetooth	Y
15	Remote Monitoring	Y
16	Cooling method	Natural cooling

Product Dimensions



Instructions for Use

- Do not bear weight or compress the power source, as it could potentially result in battery damage.
- Do not charge the startup power source using any unqualified or incompatible chargers.
- Avoid placing the product near heat sources, open flames, or flammable and explosive materials, as it may lead to fire or explosion.
- The installed truck requires that the output voltage of the original vehicle's generator must be 24V.
- Do not disassemble the battery box on your own, nor modify or cut the internal parts of the product.
- During the transportation process, it is necessary to keep the box stable, and placing it at an overly high position is prohibited.
- Do not immerse the product in water or any other liquids.
- Do not short-circuit the positive and negative terminals during power-on to avoid unnecessary loss.

FCC Statement

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 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 equipment generates use 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 determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Reorient or relocate the receiving antenna.
- Reorient or relocate the receiving antenna.
- Consult the dealer or an experienced radio/TV technician for help important announcement

Important Note:

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.