

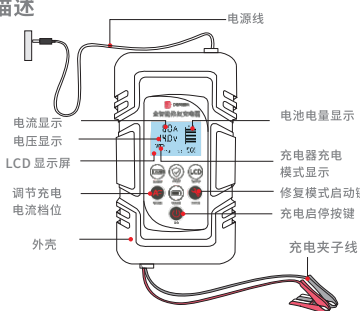
全智能修复充电器



12V/24V

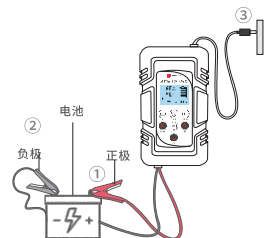
在充电过程中严禁打开汽车点火开关和使用车载电器!

产品描述



使用方法

1、连接方法：接上电源后机器会延迟3到5秒点亮显示屏并进入待机模式。



2、待机状态：插好电源后LCD数字显示屏闪烁显示表示在待机状态。



3、选择充电电流档位：可根据电池容量的大小选择不同的电流档位来充电有12V(4A-6A-8A)三个电流档可选择24V(4A)一个档位选择(注：在以开启充电状态下电流档位是无法选择的如须电重新选择请先按启动键，停止充电后再作选择,选择完好后再按启动键开启充电)



4、开启停止充电：通过该按键可以设置机器开始或停止充电(注：如夹子线没有连接到电池或没有接好按该键是无法启动充电的)



5、修复模式启动键：长按5秒出现雪花进入修复模式，修复完成自动退出,对于一些低8V的严重亏电电池可用此功能修复。
注：(不可以修复短路电池和开路电瓶)



智能修复

6、电流显示：待机时显示选择的充电电流档位，充电时显示实时充电电流。
7、电压显示：待机时显示系统电压，充电时显示实时充电电池电压。
8、充电器充电模式显示：AUTO为正常充电模式，MANU+雪花为修复模式。
9、电池电量显示：数字加图标显示当前电池实时电量。

充电时间表

电流档位	推荐电池用量	充电时长
4A	4AH-40AH	2H-15H
6A	9AH-60AH	2H-15H
8A	12AH-100AH	2H-15H

注：以上数据仅供参考，实际充电时间，以电池的真实容量与选择的充电电流档位而定。

技术/参数

机身尺寸：170*88*60mm	输入线长：100cm
输入电压：AC 110V/220V±20V	输出线长：60CM
输出电压：DC 14.8V/29.6V±0.3V	峰值功率：AC-100W
输出电流：12V(4A-6A-8A) 24V(4A)	效率：85%
频率：50HZ/60HZ	净重：0.45KG
电池类型：4AH-100AH 铅酸蓄电池 (禁止充电电)	

性能特点

- 一键修复模式充电：严重亏至8V以下电池智能充电修复。
- 智能风扇控制：当机内温度达到设定值后，风扇会启动散热，防止高温作业。
- 数字显示：数字显示当前电压电量。
- 短路保护：当充电器输出发生短路时充电器自动关闭输出。
- 反接保护：当充电器正、负极与蓄电池正、负极连接相反时，充电器自动关闭输出，并发出蜂鸣声报警，正确连接后自动解除。
- 低压保护：当蓄电池电压低于8V时，充电器保护无法启动正常充电(如是亏电蓄电池可用修复模式修复)。
- 三段式充电：恒流模式+恒压模式+浮充模式 充满自停

适用范围

4AH-100AH 摩托车、轿车、越野车、面包车、货车、SUV、干荷蓄电池、免维护蓄电池、普通蓄电池。

注意事项

- ※ 严禁作启动电源使用。
- ※ 严禁给已损坏的蓄电池充电。
- ※ 严禁在潮湿、高温、有易燃、易爆气体的环境中使用。
- ※ 机内高压危险，请勿擅自打开，如有故障返回指定的保修点维修，否则不予保修。
- ※ 蓄电池充电过程中，会有逸出氢气，工作环境应通风良好，以免引起爆炸。

使用说明

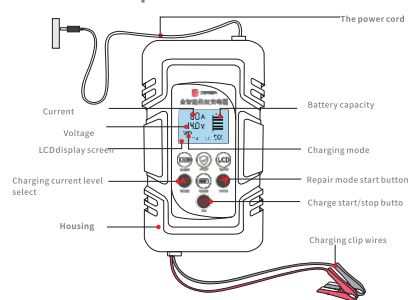
把充电器的红色夹子线 接到要充电电池的正极上，黑色夹子线接到要充电电池的负极上，然后把充电器的AC电源接到220V市电上，此时充电机开始工作，点亮显示屏并闪烁显示，根据电池的容量大小，按电流模式键选择合适的充电，点亮显示屏并闪烁显示，根据电池的容量大小，按电流模式键选择合适的充电。如使用修复功能，在正确接好线后长按修复键5秒即可进入修复模式

SMART BATTERY CHARGER

WARNING

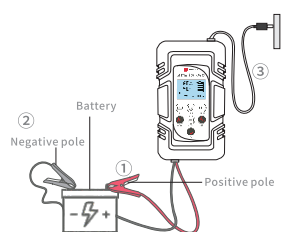
Do not turn on the ignition switch your vehicle or use theon-board electrical appliances while you are charging!

Product Description

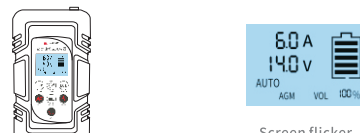


Method of use

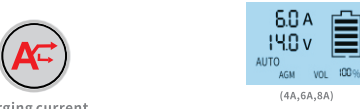
1、Method of conection: display Screen will be light up and machine will entry to standby mode after 3-5 seconds delay when connecting to the



2、Standby status: LCD digital screen will flashing after machine was connected to power supplies.



3、Charging current level selection: There are 12V(4A,6A,8A)24V(4A) charging current can be selected depend on battery capacity. (Notice: charging current level cannot be changed when machine is charging, follow this step if needed: press the Star/set button, then press the current button to select a charging current level that you want,last press the Star/set button)



4、Star/stop charging: this button is use for setting machine to star charging or stop chargin.(Notice: The button won't work until the clip wires are connected to the battery correctly



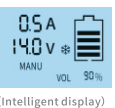
ON/OFF



5、Repair Button: press this button for 5 seconds to entry the repair mode, it will exit automatically when the repairing is done.This repair function can repair the some batteries that power lower than 8V. (Notice: it cannot repair short circuit battery and battery that cell is open-circuit)



Intelligent repair



6.Current display: screen display the current of charging current level when on standby mode, and display real-time charging current when on charging.
7.Current display: screen display the current of charging current level when on standby mode, and display real-time charging current when on charging.
8.Battery capacity display: number + icon dispaly the real time battery capacity.

Charging schedule

Current Gea	Battery Capacity	The charging time
4A	4AH-40AH	2H-15H
6A	9AH-60AH	2H-15H
8A	12AH-100AH	2H-15H

The above data is for reference only, the actual charging time is base on the true capacity of the battery and the selected charging current gea.

Product Parameter

Dimension: 170*88*60mm	Input wire length: 100cm
Input voltage: AC 110V/220V±20V	Output wire length: 60CM
Output Voltage:DC 14.8V/29.6V±0.3V	Peak power: AC-100W
Output current: 12V(4A-6A-8A) 24V(4A)	Efficiency: 85%
Frequency: 50HZ/60HZ	N.W: 0.45KG
Battery support: 4AH-100AH Lead acid battery (Not lithium)	

Performance Feature

- One-click repair mode charging: intelligent charging to repair the battery that under 8V intelligent charging repair.
- Intelligent cooling system: When the internal temperature of the machine reaches the set value, the fan will start the heat dissipation, to prevent high.
- temperature operation.
- Short circuit protection: the charger will automatically shut down the output when an accidental short circuit occurs output.
- Reverse connection protection: when the charger output positive, negative and battery positive, negative connection opposite, The charger automatically closes the output and gives a beeping alarm. It will be automatically removed after connection been corrected.
- Low voltage protection: when the battery voltage is lower than 8V, the charger would not start normal charging (If the battery is under voltage battery, it can be used repair mode fo repairing.
- Four stage charging: constant current mode + constant voltage mode + floating charging mode, Automatic stop charging when battery if full.

Application

Suitable for 4AH-100AHmotorcycle, limousine, off-road vehicle, Van, SUV, Dry load accumulator, maintenance-free battery.

Announcements

- ※ Do not use as startup power.
- ※ Do not charge damaged batteries.
- ※ Do not use in humid, high temperature, flammable, explosive gas environment.
- ※ Do not use in humid, high temperature, flammable, explosive gas environment.
- ※ During the charging process of the battery, hydrogen will escape. The working environment should be well ventilated so as not to cause an explosion.
- ※ Specifications are subject to change without prior notice.

HOW TO USE

- Connect the red clip line of the charger to the positive pole of the battery, connect the black clip line to the negative terminal of the battery
- Then connect the AC power of the charger to the 220V mains,
- Dispaly screen is light on and flashing.Charger is start working.
- According to the capacity of the battery, press the Current gear button to select the appropriate charging current
- Repairing: After step 1 and step 2, press Repair button for 5 seconds, then will entry to repair mode.