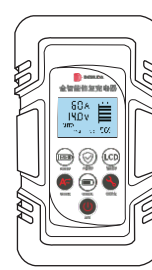
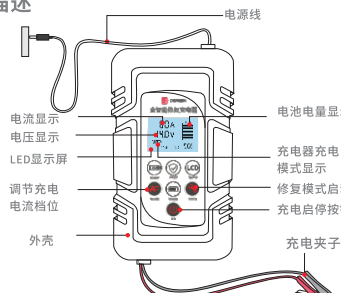


### SMART BATTERY CHARGER



在充电过程中严禁打开汽车点火开关和使用车载电器!

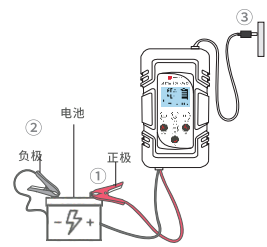
#### 产品描述



电源线  
电流显示  
电压显示  
LED显示屏  
调节充电电流档位  
外壳  
电池电量显示  
充电器充电模式显示  
修复模式启动键  
充电启动/停止键  
充电夹子线


#### 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 电池  
① 正极  
③


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。



① 6.0A  
14.0V  
AUTO  
AGM VOL 100%

屏幕闪烁


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)



① 6.0A  
14.0V  
AUTO  
AGM VOL 100%


充电电流 (4A-6A-8A)

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)




① 开启/停止

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



0.5A  
14.0V  
MANU VOL 90%

(智能显示)

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：AUOT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-90AH	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

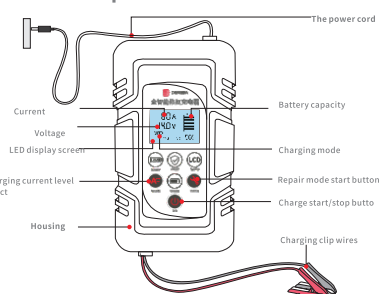
机身尺寸：170*88*60mm	输入线长：100cm
输入电压：AC 110V/220V±20V	输出线长：60CM
输出电压：DC 14.8V/29.6V±0.3V	峰值功率：AC-100W
输出电流：12V(4A-6A-8A) 24V(4A)	效率：85%
频率：50HZ/60HZ	净重：0.45KG
电池类型：4AH-100AH铅酸蓄电池(禁止充锂电)	

### SMART BATTERY CHARGER

WARNING

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

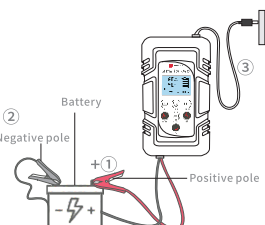
### Product Description



The power card  
Current  
Voltage  
LED display screen  
Charging current level select  
Housing  
Battery capacity  
Charging mode  
Repair mode start button  
Charge start/stop button  
Charging clip wires


### 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 Battery  
Negative pole  
+ ① Positive pole


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



① 6.0A  
14.0V  
AUTO  
AGM VOL 100%

Screen flicker


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)



① 6.0A  
14.0V  
AUTO  
AGM VOL 100%


Charging current (4A,6A,8A)

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)



① 开启/停止

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)



① 0.5A  
14.0V  
MANU VOL 90%

(Intelligent display)

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-90AH	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: 100cm
Input wire: AC 110V/220V±20V	Outout wire: 60CM
Input Voltage: DC 14.8V/29.6V±0.3V	Peak Rate: AC-100W
Output Voltage: 12V(4A-6A-8A) 24V(4A)	Efficiency: 85%
Peak Rate: 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-100AH motorcycle, 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.