

BATTERY CHARGER

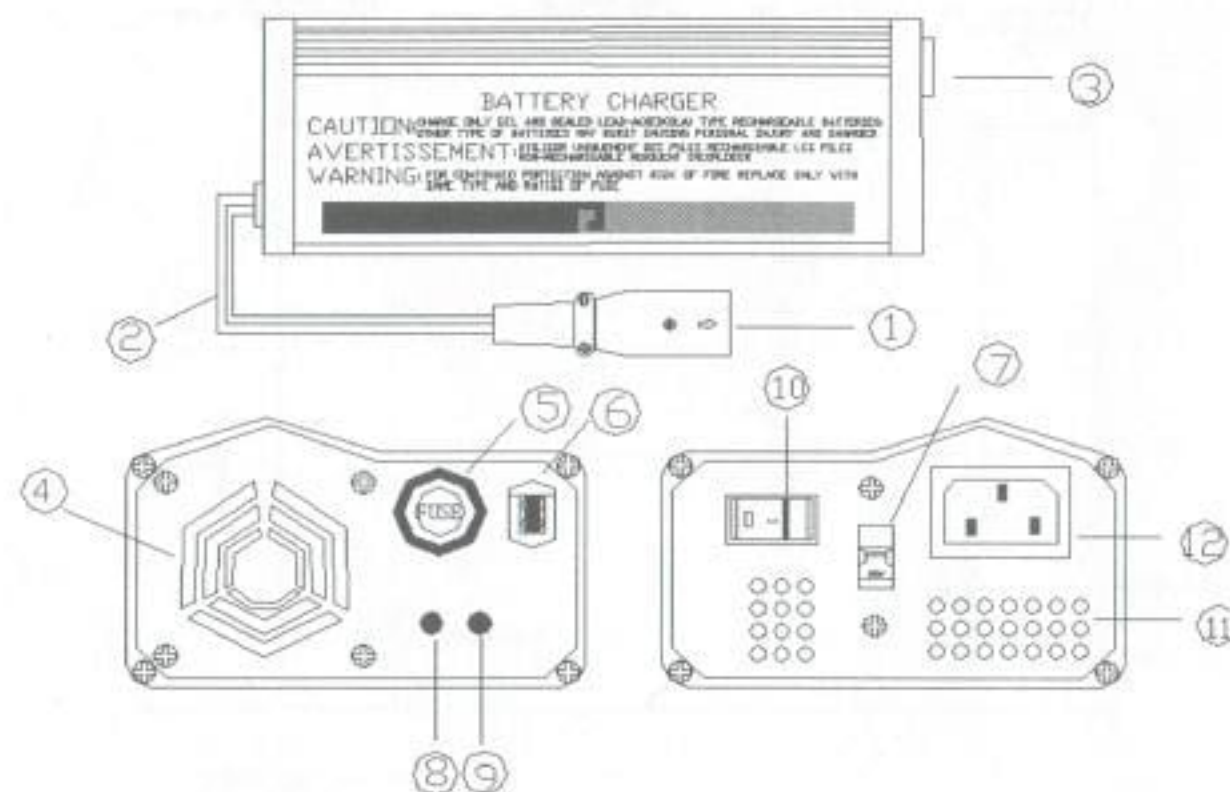
CAUTION: CHARGE ONLY LI-ION TYPE RECHARGEABLE BATTERIES. OTHER TYPE OF BATTERIES MAY BURST CAUSING PERSONAL INJURY AND DAMAGE.

AVERTISSEMENT: UTILISER UNIQUEMENT DES PILES RECHARGEABLES. LES PILES NON-RECHARGEABLES RISQUENT D'EXPLOSER.

WARNING: FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATINGS OF FUSE.

SAVED IN CHINA

Figure(三):



1、OUTPUT CONNECTER

2、OUTPUT SPT2 CABLE

3、INPUT CONNECTER

4、COOLING FAN

5、OUTPUT FUSE

6、STRAIN RELIEF BUSHING

7、SWITCH MAINS 230/115V

8、RED LED

9、YELLOW/GREEN LED

10、POWER SWITCH

11、AIR HOLE

12、INPUT

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SPECIFICATION FOR APPROVAL

1. Specifications:

MODEL	HP8204L3 42V/3A
INPUT VOLTAGE	AC 115/230V 50/60HZ SWITCH DELETE
OUTPUT CURRENT	3±0.2A
No load voltage	41.9V±0.2V
Charge Max Voltage	41.1±0.2V
Protection Against Over-Current	OVER 20AMP AUTOMATIC SHUT-DOWN
Protection Against Over-Voltage(Output)	OVER 47VDC AUTOMATIC SHUT-DOWN
Protection Against Over Charge	Battery Extraordinary(Old Cant Charge, Charge for a long time) Automatic to Break Off Charge
LED Indicator	Power On:RED Charging :Yellow Full Charge:Green Disconnect Green
Protection Short Circuit	Yes
Protection Over Current(Outplut)	Yes
Protection over power	Yes
Operating Temperature	0℃~40℃
Preservation Temp.	-20℃~70℃
Operating Height	3000 尺
Dimensions	L180mm*W93mm*H53mm
Weight	0.83kg
Approval	UL,PSE, TUV-GS,CE,SAA

2.Operating Instruction

- (1) To select the input voltage(115V/230V)and make a correct option by 115/230V option switch.
- (2) To assure the charged storage battery is a lead acid battery.
- (3) To keep the AC power switch in“off”position before the charge circuitry and battery have been connected completely.
- (4) To check if the output end of charger corresponds with the positive/negative pole of storage battery.
- (5) After the above sequences have been finished,please turn on the Ac power switch to “I”and the fan will begin to run.When LED turns red/yellow,it means the charger has been under normal charging condition(If the abnormal phenomena occurs,please turn off the charger immediately and check the 1~4 sequences

repeatedly, then turn on the charger again.)

- (6) When LED turns to red/green, that means the storage battery has been finished for complete charge.
- (7) Under the condition of yellow/green LED. It may have a temporary alternating phenomenon around 1~60 seconds during switching, please note this is a normal feature.

3. LED Indication

LED(POWER)-RED LIGHT ON: Power On

LED(CHARGE)-LIGHT OFF: Battery Disconnect

YELLOW LIGHT ON: Charging

GREEN LIGHT ON: Full-Charged

4. Troubles Shooting

- (1) When the power switch sites "on" but no LED light up:
To check the the connection of power cord
To check the the connection of socket.
To check if the fuse is under normal condition.
- (2) When the power switch sites "on" but red/yellow LED do not light up
Completely and the fan does not run:
To check if the output wire occurs short circuit
- (3) When the power switch sites "on", red LED light up, but green LED flashes and no charging action:
To check if the output fuse has severed
To check the connection between output connector and the battery
To check if having made a correct connection for the battery polarity.
To check if having made a correct connection for the battery polarity.
To check the battery is connectde completely.
- (4) If the fuse is burned-out as soon as the power switch has been turned on and no effect at all:
After having been replaced with another new/same fuse. Please do not dismantle the charger or replace with other larger fuse by yourself.
- (5) The charge time continues for a long duration (abnormal):
To check if the battery has been broken down or agde
- (6) The yellow/green LED have flashed over 40 minutes during charging:
To check if the battery is broken down
- (7) The battery heats (abnormal):
To stop charging and check if there are troubles occurred on the charger

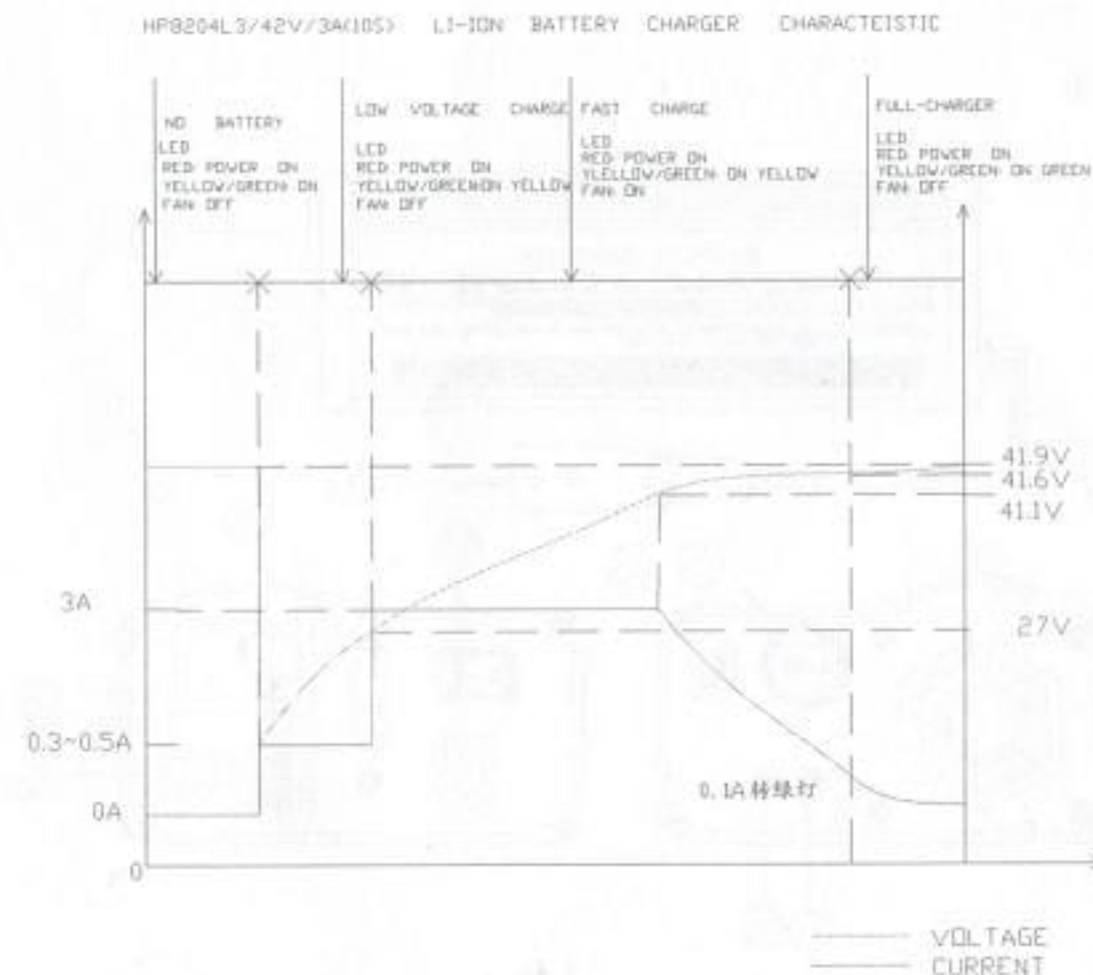
5. Caution

- (1) If there is a ground wire for the power cord of charger, for safety purpose, please be

sure to make a good ground connection job.

- (2) To make sure the DC output corresponding with the battery which will be charged and the voltage value, otherwise, it may cause battery explosion and hurt someone.
- (3) To keep the power on/off switch in "o" position before the charge circuitry and battery have been connected completely.
- (4) Do not expose the charger to the rain, water or store it at humid place.

Figure (一):



Figure(二):

