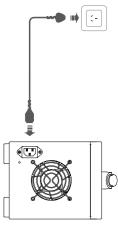
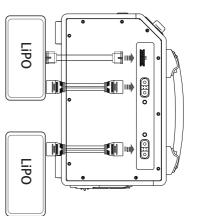
1, Connect power cord to AC input port and AC power socket (100-240V, 50/60Hz), and turn on "Power On" switch to start up.



2. Connect each LiPo battery pack to the charger via charging and balance port with compatible connectors as illustrated.



4. Charging

Long press charge button more than 2 seconds to charging mode.

1. Red light on, the charger is charging battery, and LCD display indic

2. Green light on, charging finished.

3. Press any key to stop charging.

5. Storage

Green light on, charging finished.
 Press any key to stop charging.

nore than 2 seconds to charging mode er is charging battery, and LCD display in



Before connecting, please check whether the terminals and wiring harness of the battery pack are damaged or disconnected;
 When using the adapter cable, be sure to connect according to the positive and negative signs.

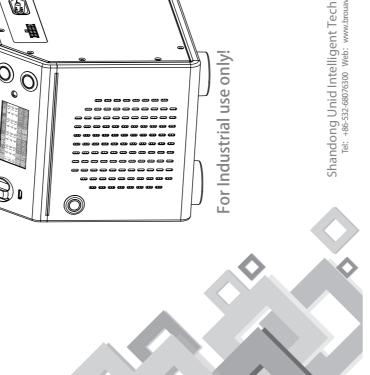


This charger only supports hybrid charging in fast charging mode! Not Supports different sets and different types of battery hybrid charging in normal and slow charging mode!

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4







1.Do not attempt to operate this charger if you are impaired in any way.
2.Do not allow children to be near this charger when it is in operation.
3.Do not allow children to operate this charger.
4.Please turn the power off when the charger is not

 \triangleleft

WARNING

Shandong Unid Intelligent Technology Co., Ltd
Shandong Unid Intelligent Technology Co., Ltd
Web: www.brouav.com www.brouas.com
The product specifications and information mentioned in this instruction
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in use. 5.This charger is for indoor use only.



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Note: Any expense exceeding the original purchase price of the charger shall not be borne by BROUAV. We reserve the the right to modify the contents of this manual at any time with or without notice.

Damage caused by incorrect connections.
 Damage caused by incorrect operation.
 Damage caused by impact or drops.
 Damage from disassembly or modification.
 Internal damage from moisture, submersion, dust, dirt or other contaminan ts.
 Signs of normal wear and tear, scratches dents and dings.

ufacturing warranty does not cover. ner: What our

This product is warran ted to be free from manufacturer defects for 1 year from original purchase date. Please keep your original proof of purchase for warranty purposes.

Thank you for purchasing our BROUAV charger. We do our best to provide you with timely and satisfying support. Please contact us with any questions or concerns.

SUPPORT AND WARRANTY



PRODUCT MANUAL

/smart battery

U6Q Fast charger



The charger is dual channel with independent output and independent interface. Take either channel of the charger for example as below:

1. Startup and Self-Test
The charger automatically co nectors well connected, LCD screen rmally after the buzzer stops. Long

2. Operation Modes er automatically count down after getting all the conr , and buzzer alarming. The charger starts charging non , rage" button for more than 2s to function storage.

1. Charging mode: It's an automatically preferred mode, after getting the battery well connected, the charger countdown self-checks, automatically detects and starts up charging, or bypassing countdown self-check and directly manual startup.

2. Storage mode: It's a manual mode, while battery is in idle, recommended to take storage every 15 days; nded to take storage every 15 days; e tolerance; In storage mode, the

2. Storage mode: It sa manual mode, while battery is in idle, recommended to take storage or while battery life significantly declines or more than 50mV cell voltage tolerance; In storage charges charges and discharges with trickle current to get each cell voltage balanced to 3.84-3. Continuous working mode: After getting the charging extension manager connected automatically detects and switches to continuous working mode. In this mode, automatic r connected, the charger automatic mode doesn'

operate and define the continuous working mode once, and then the work with the charging extension manager until pressing any button

3. Setting Of Charging Modes

Preface

Indicator status description

Host indicator

Flashing red

Standby

Charging/Maintenance

Thank you for purchasing BROUAV Balance Charger. This manual could help you install and operate easily. Please read the manual carefully before operating and keep it handy for further reference. Items here in mentioned is only supplementary to local safety regulations.

WARNING

Very important to understand the items as below. Failure to comply with the mentioned items, it would damage to the charger or battery, injure to your body or even cause a fire disaster.



Steady green

carry out

Red light always on/ Yellow light always on

- Do not put the charger in inappropr iate conditions such as direct sunlight, rain, moisture and so on
- keep it at the range of recommended temperature 0°C-40 Keep it horizontally stable to avoid any tilt or shake. And be ter, flammable gas, corrosives and so on, be sure to 0°C-40°C/32°F~104°F. sure to p

- 4. Do not put anything or any cover on the radiator or battery during operating.
 5. Do not charge any non-rechargeable Lithium batteries with out of specifications.
 6. Keep the charger and battery on an anti-flammable and anti-conductive surface, and do not put it on seat, carpet and so on to avoid any losses or damages.
 7. Do not use any voltage out of the specifications, and provide it with the specified type of battery and number of battery.

- 14. Do not tumble, short-circuit, reverse polarity to avoid damage before connectin 15. Keep an eye on it during operating.
- 16. Please use dry powder extinguisher in case in fire, and do not take liquid extinguisher to avoid electric

Number of channels

4CH (Amor

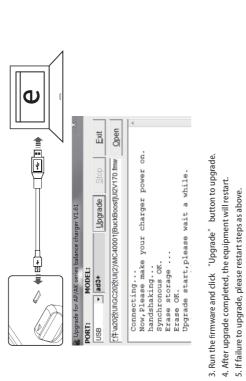
LiPo/LiHV/Smart battery AC 180-240VThe max

overheating, short circuit, 5-40°C

Output Power Battery Type

Output

Max. 60.9V = Max. 50.0A/60A AC 100-180V / AC 180-240V



ro USB ا Visit BROUAV official website
 www.brouav.com www.brouas.com
 Connect the charger to your computer

Please visit BROUAV official website to upgrade firmware if needed and follow the steps as below:

FIREWARE UPGRADE

* (4) S are the same battery charging port and balance port, (6) is an independent channel without a balance port; the opposite is the same.

① MICRO_USB Upgrade	interface	® AC Input	(3) cooling fan	
© Charging port 2	(7) Maintenance button	® LED indicator	(a) Handle	(10) Current adjustment knob
 Main switch 	② Inlet	3 Charging button	Balance mouth	5) Charaina port 1

Part Name

aged physically.

Specifications

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Traffic lights flash alternately

Error

-<u>jó</u>

Flashing green

Red light is always on

Steady green

Carry out

Connection not completed

At work

Standby/No battery

Flashing yellow

Channel indicator (The red light flashes for 5 seconds)

Yellow light/green light flashes Traffic lights flash alternately

Abnormal battery

Abnormal charger

Product Introduction

This product charges 4 sets of lithium batteries at the same time, with a maximum output power of 3000W. Two modes of charging and maintenance can be selected. The charging current can be adjusted between slow charging, normal charging and fast charging. It has over-current protection, over-temperature protection, and disconnection. Protection, fast equalization, display status indication and other functions.

U6Q is highly integrated with the charge butter function. In slow charging mode, 4CH is charged at the same time. In fast charging mode, the battery is charged in cycles according to the saturation and higher battery charging sequence. The peak peak current and the maximum charge current can reach 60A; The normal mode charges two batteries at the same time, the charging current is automatically and evenly distributed, and the operation is simple.

The charger is equipped with an LCD dot matrix display and supports Chinese. English and Japanese display. During use, the operating mode, charging voltage, charging current, charging time, battery capacity, and battery cell voltage are automatically displayed.

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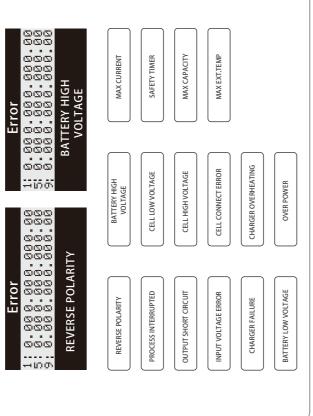
2

Note: The product specifications mentioned in this practical manual are for reference only, and will not be notified if the content is updated.

6

Weight Size

301.5×150×220mm



When the wrong use of charger or failure, the charger will prompt an error message! As shown below:

2558 < Charging/maintenance time
2558 < Charging/maintenance time
999 mAh < When the capacity will be converted to "Ah", the king, the display will show charging manager is not ation displayed. 4.20 4.20 4.20 If the charging manager is wor the charging channel; if the working, no inform: 4.20 420 420 420 Real-time charging maintenance current Real-time charging maintenance voltage Charging/Storage Standby/Error

The interface displayed as below:

SCREEN