

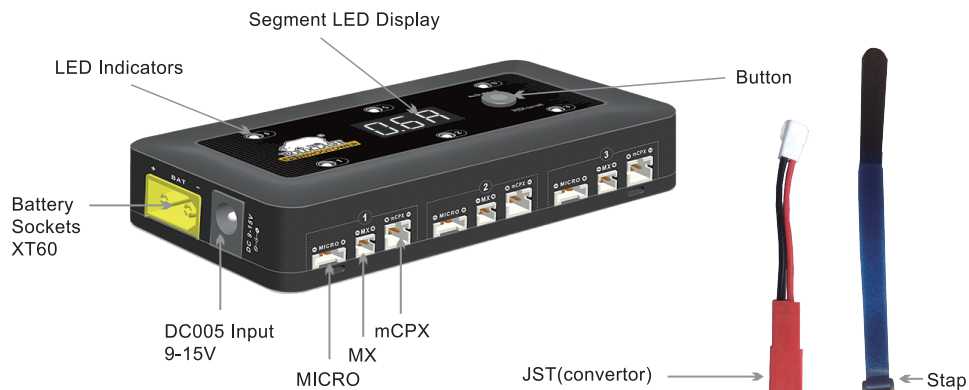
# BoldClash P01 INSTRUCTION MANUAL

LIPO/LIHV SMART CHARGER FOR 1S BATTERY



## INTRODUCTION

Thank you for choosing BoldClash P01 Whoopower Charger for charging 1S battery. This unit is simple to use but its operation requires some knowledge on the part of the user. Please read this entire operating manual completely and attentively before using this product, as it covers a wide range of information on operation and safety. BoldClash P01 employs the circuit that features 6 totally independent but identical power output which are powered 4.35W each. It is designed for charging single cell LiPo and LiHV. Insert the battery lead to the right connector in each port, the charger can charge 6 batteries at the same time. The charging current can be adjusted from 0.1-1.0A and also support 5V, 2.1A USB charging. The charging status can be displayed in digital segment LED Indicators.



## SPECIFICATION

DC input voltage	9.0V-17.0V
Charge power	Max. 4.35W x6, ±10%
Charge current	(0.1-1.0A) x6, ±10%
Battery type	LiPo/LiHV
Battery cell count	1cell
Indication	LED light & Buzzer
Support battery port	Micro, MX, mCPX, JST(convertor)
Support USB charge port	5V/2.1A
Net weight	70g
Dimension	100x50x22mm

## FEATURES

- DC XT60 port and DC005 9-17V provides outdoor and indoor two input charge modes
- Six ports to charge separately, each varies from 0.1-1A
- Each port set LiPo(4.2V) or LiHv(4.35V) separately
- Four different kinds of battery connectors in each port
- LED and buzzer indicate charging status
- USB port (5V/2.1A) for charging iPhone, mobile phones, digital cameras, etc.
- Maximum protection: battery reverse polarity protection, battery over voltage protection and DC input voltage protection

## CHARGE PROCEDURES(Connection and self-checking)

1. Correctly connect with DC input or battery input.
2. BoldClash P01 will start self-checking after powered on. All six indicators will light on with red and all LED segment display will light on as number 888.
3. All indicators will change the color from red to green and the LED segment display will show voltage value of power input.
4. Check each channel, the indicators will light on one by one from channel 1 to channel 6. The 6 indicators will light off after self-checking if all check results ok.
5. The LED segment display will show the setting current value. And BoldClash P01 is ready to charge batteries.
6. The user can change the current setting and battery setting before battery connected. Please refer to chapter "Charge Setting" with detailed process.
7. After setting done, the user can connect with 1s batteries. Once any channel connected, BoldClash P01 will start to charge automatically with a flashing red color indicator. The flash frequency is different according to different battery types (LiHV is faster than LiPo).
8. The display will show the battery type and battery voltage of each working channel circularly during charging.
9. The indicator of this channel will change to green color and stop flashing once any channel fully charged.

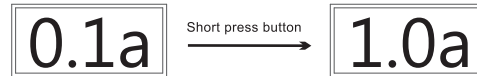


## CHARGER SETTING

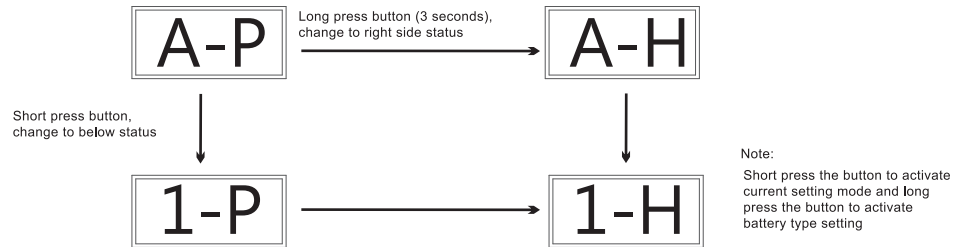
BoldClash P01 supports current setting and battery type setting. Short press the button to activate current setting mode and long press the button to activate battery type setting. Both setting can be activated even during charging.

## CURRENT SETTING

BoldClash P01 supports current setting from 0.1A to 1.0A as below picture. This set current value applies for all 6 channels. Short press the button to adjust the target current value from 0.1A to 1.0A.



## BATTERY TYPE SETTING



1. BoldClash P01 supports both LiPo and LiHV battery, Long press (3 seconds) the button to activate battery type setting as above pictures.
2. The LED segment display shows default setting "A-P" which means battery type setting mode activated.
3. The first letter (position "A") in the display represents which channel is under setting. It could be "A", "1", "2", "3", "4", "5", "6". "A" means all 6 channels will be set together. "1"-"6" means specific channel under setting.
4. The last letter (position "P") represents battery type. It will change between "P" and "H". "P" means LiPo and "H" means LiHV.
5. Short press button to change the first letter for different channels, Long press button (3S) to change the last letter (battery type).

If you want to charge specific channel one by one, short press the button to choose the appropriate channel and the last letter on the display shows current setting of chosen channel. You need to long press the button to change the battery type for this channel. After one channel set, you can short press the button to set another channel in next step.

If you want to change all 6 channels battery type together, just short press the button to make the first letter shows "A", then long press the button to choose the appropriate battery type.

After all the setting done, wait for 3 seconds along with 2 beeps sound and the indicators will blink one round to confirm all the settings recorded by BoldClash P01. BoldClash P01 can record the last charging setting and recall it in next power on.

## ERROR WARNING

For the error "input voltage too low" and "input voltage too high", the error code shows on the display along with beep sound.

E-1	input voltage too low
E-2	input voltage too high

For the other errors, which belongs to specific channel, only flash indicator without showing battery type and battery voltage on the display.

## SAFETY PROTECTION

Input voltage too low protection	If DC input with battery and cell voltage lower than 3.3V, BoldClash P01 will stop charging and make reminder warning.
Polarity protection	If the battery connected with wrong polarity, BoldClash P01 can not start charging.
Over voltage protection	If detect the battery over voltage, BoldClash P01 will stop charging and keep flashing.

## WARRANTY AND SERVICE

We guarantee this product to be free of manufacturing and assembly defects for a period of one year from the time of purchase. The warranty only applies to material or operational defects, which are present at the time of purchase. During that period, we will repair or replace free of service charge for products deemed defective due to those causes, For any repair or replace service, please contact your dealer in the first instance, who is responsible for processing guarantee claims. This warranty is not valid for any damage or subsequent damage arising as a result of misuse, modification or as a result of failure to observe the procedures outlined in this manual.



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