

## INSTRUCTION MANUAL

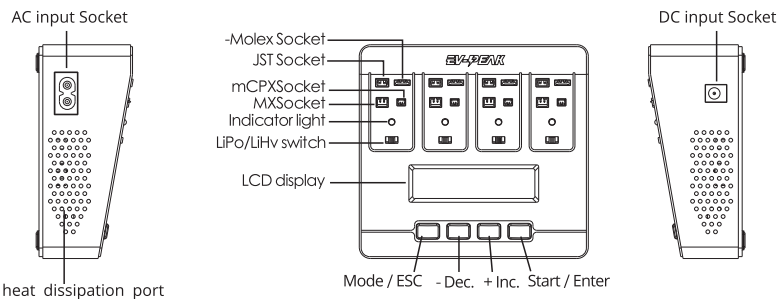
## e6 INTELLIGEN CHARGER

## Introduction

Thank you for purchasing the EV-PEAK intelligent charger e6; this operating instruction is designed to help you quickly become familiar with the features, so be sure to read it carefully before using it.

E6 is designed for micro-aircraft, remote control car battery, four independent outputs, very convenient to use. E6 charger built-in power supply, Supports global grid voltage, you could connect 100-240V/AC power cord to.

This instruction covered informations of safe operations, warnings and safety notes, please read the operation instructions carefully and completely before using , or use this product accompanied by professionals.



## Specification

AC input voltage.....	100-240V AC
DC input voltage.....	9.0V-12.0V
Charge current.....	(0.1-1.0A)x4CH
Charge power.....	4.35Wx4CH
Battery type.....	LiPo/LiHv
Battery Socket.....	-Molex,JST,mCPX,MX
Charge indicator.....	LCDdisplay+LEDIndicator light
Charge output.....	4 independent output
Dimension(L*W*H).....	120x112x50mm
Weight.....	320g

Product specifications and information in this manual are for reference only. If the content is subject to change without further notice.

## Features

- Using four-channels fast charge, you can charge four different types of batteries at the same time.
- Using LCD display, intuitive display battery charging voltage and current of single-channel.
- AC and DC dual input.
- AC Input 100-240V for worldwide use, no more adapters required.
- Plug and play, easy to operation.
- Short circuit, over current and over temperature protection, safer and more reliable

## Safety notes

These warnings and safety notes are very important, when use the power supply need follow the instructions carefully. Incorrect operation could result in the power supply or other equipments damage, even cause the electric shock or fire.

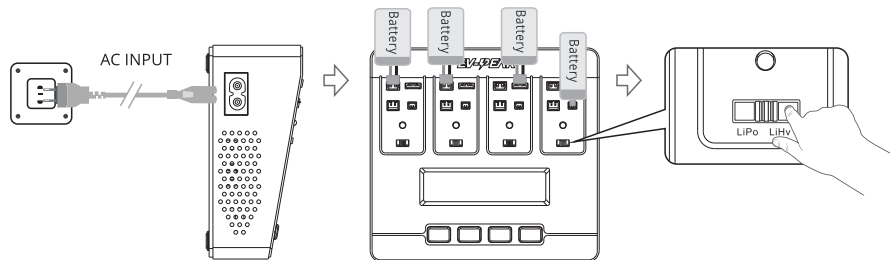


- Do not use the power supply when it is unattended, if have any problems, please cut off the power and check it.
- Do not use the power supply near water(for example, a bathtub, washbowl, kitchen sink, laundry tub, wet basement, or swimming pool).
- Do not place the power supply on an unstable cart, stand or table, if the power supply falls, it could.
- Do not overload power outlets or extension cords. An overload can result in fire or electric shock.
- Do not disassemble this unit, take it to a qualified service technician when service or repair is required, improper reassembly may result in a risk of electric shock or fire.
- Do not use an attachment not recommended, this could result in a risk of fire, electric shock, or injury to persons.
- Never push any object into slot in the power supply, it could touch dangerous voltage points or short out parts resulting in a fire or electrical shock.
- The power supply should be operated only from a standard AC outlet that provides 100-240V,50/60HZ,If you are not sure of the type of power supplied to your home, consult your local power company.
- To protect the power supply during a lightning storm or when it left unattended and unused for long periods of time, unplug it from the AC outlet. This will prevent to the power supply from lightning and power surges.
- Unplug the power supply from the outlet before attempting any maintenance or cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning and then wipe it dry immediately.
- If your power supply does not operate normally. in particular if any unusual or smells come from it, unplug it immediately and contact a qualified service technician for repair.

## Operation instruction

## —.Connection

- 1.Connect one end of the AC power cable to the charger interface and the other end to the AC100-240V socket;
- 2.Plug the battery charging cable into the corresponding charger socket, (different types of batteries must correspond to the corresponding interface);
- 3.Select the type of battery for each channel when start to charge.



## 二.Key operation instructions :



CH: Select the corresponding channel, each press once, switch to the next channel, the channel is selected, the display current value "0.0A" begin to flash, the light in the red light flashing state  
+: When press it, the current value increases by 0.1A, after reaching the maximum value will return to 0.10A  
-: When press it, the current value reduces by 0.1A, after reaching the minimum value will back to 1.0A  
Enter: Press more than 2S to start the corresponding channel charge, in the running state, press this button to stop the corresponding channel operation.



After the charger is connected to the power supply, the display 4 channels are in standby



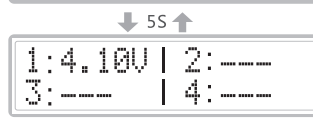
Press the "CH" button and the CH1 current value "0.10A" starts flashing



Press "+" to select the current is 0.1-1.0A. When adjusting the current, the channel "1" flashes and the value does not blink



After selecting the current, press "ENTER" for 2 seconds, Ch1 starts running and starts the button, the current and voltage are automatically cycled every 5S



Press the "CH" button again, the CH2 current number "0.1A" starts to blink

CH2 /CH3 / CH4 operation are same as CH1

- Notes: 1.charger will check the voltage of battery automatically when battery connected to charger, please take off the battery from charger as soon as possible if not enter the charging model , or the charger will consume the power in battery.  
2. If you need reset current during working, you should stop charging firstly.  
3.You should disconnect the battery after full charge , avoid to be into the charger for a long time.

## Warnings and Error messages

- |                                |                                |  |
|--------------------------------|--------------------------------|--|
| ERR1— Over capacity            | ERR5— battery disconnect       | ERR9— input voltage error                |
| ERR2— Power on error           | ERR6— battery reverse          | ERRa— change battery type during working |
| ERR3—High internal temperature | ERR7— battery voltage too high | ERRb— over safety charge time            |
| ERR4—Over current              | ERR8— battery voltage too low  |  |

## Warranty

Thank you for purchasing this power supply, EV-PEAK will do our best to provide you with a comprehensive after-service and protect your rights. If you have problems with this charger, please contact local distributor immediately.

The warranty does not cover below situations:

- 1.Failure to use correct input voltage (100-240V)
2. Failure to follow instruction manual
3. Mechanical damage due to external causes;
4. Disassembly, modification by the user (modifying original connectors, wires, components, etc.).
5. Running in inadequate conditions (damage or rust from rain, humidity, etc.)
6. The ageing of the product surface shell, bruising and scratch.

Note : The user should bear any consequences caused by operating, EV-PEAK is not responsible for the charge that exceed cost and reserve the right to amend terms; If have some changes will have no future notice.

## Warning

● This appliance is not intended for use by persons(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

- If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.
- For indoor use only.



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