

INSTRUCTION MANUAL

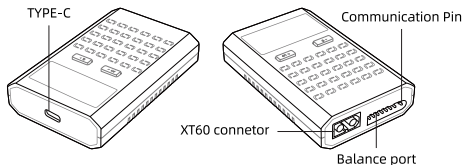
e5

EASY INTELLIGENT BALANCE CHARGER

Introduction

Thanks for buying this intelligent charger E5 from EV-PEAK. This instruction is intended to help you quickly familiar with E5 function, so before using, please be sure to read the manual carefully. This charger adopted a new circuit design by the skilled professionals with high standards of process meticulously.

With an external PD charger, E5 can charge 2-6S LiXX battery and 1-16 cells NiMH battery both, charge current 1A/2A/3A/5A adjustable.



Specifications

Input Voltage	5-20V
Battery Type	LiPo/LiHV/LiFe/NiMH
Charging Power	60W
Charging Current	1A/2A/3A/5A
Battery Cell Count	Lixx: 2-6S, NiMH: 1-16Cells
Temperature protection	75°C
Safe time	480 Min
DC input	Type-C
Dimension(L*W*H)	98*98*36 mm
Weight	278 g

All specifications and figures are subject to change without notice

1

Features

- Use the normal 80W and above PD charger as a power supply, PD protocol BC1.2, PD3.0, TYPE-C 1.4, APPL DIVLDER3.
- Small size, high power density.
- Convenient and fast to use, plug and play.
- Portable design with good heat dissipation.
- LED indicates battery power percentage from 25%-100%.
- Intelligent recognition 2-6S LiXX battery and 1-16 cells NiMH battery, no need to set the battery cell count.
- Short circuit, over current and over temperature protection, safer and more reliable.

Safety notes

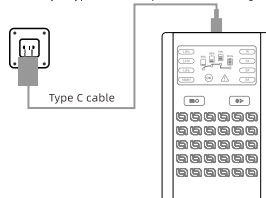


These warnings and safety notes are very important. Please follow the instructions carefully. Incorrect operation could result in the power supply or other equipments damage, even cause the electric shock or fire.

- Do not use the charger when it is unattended, if have any problems, please cut off the power and check it.
- Do not use the charger near water (for example, a bathtub, washbowl, kitchen sink, laundry tub, wet basement, or swimming pool).
- Do not place the charger on an unstable cart, stand or table, if the charger 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 accessories not recommended, this could result in a risk of fire, electric shock, or injury to persons.
- Never push any object into slot in the charger, it could touch dangerous voltage points or short out parts resulting in a fire or electrical shock.
- The charger 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 charger 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 charger from lightning and power surges.
- Unplug the charger 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 charger 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

1. Connect the charger to PD by a Type C cable to power on the charger.

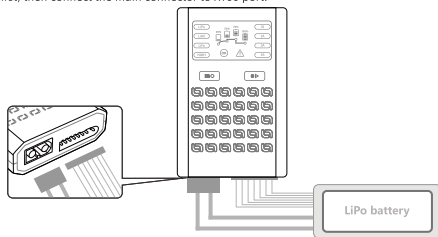


⚠ Make sure all outputs are free situation before power on the charger.

⚠ Make sure your PD is compliant with BC1.2, PD3.0, TYPE-C 1.4, APPL DIVLDER3 protocol.

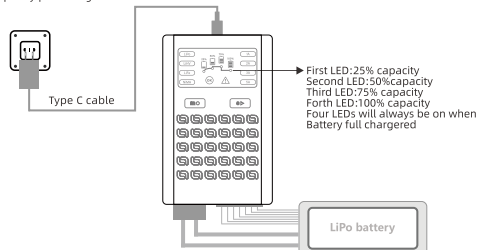
2

2. After charger check finished(LED 1,3 and LED 2,4 will blink alternately), insert the balance port first, then connect the main connector to XT60 port.

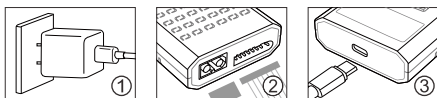


⚠ DO NOT reverse the polarity of the balance port.

3. Press M button to choose the battery type, press S button to choose charge current. Then hold the M button for more than 2 seconds to start charging, LED will blink and indicate the battery capacity percentage.



4. After using, disconnect the PD first, then disconnect the balance port and main port, disconnect the Type C cable from the charger finally.



⚠ If errors happen then four LEDs will blink simultaneously during charging, please follow the step 4 to operate, remove the power, then power on, please contact the local dealer immediately if any problem

3

Warranty

Thank you for purchasing this charger, 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 dealer immediately.

The warranty does not cover below situations:

1. Failure to use the PD with correct protocol;
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.



EV-PEAK

EV-PEAK Electronic Technology(HK) Co.,Ltd
www.ev-peak.com



All specifications and figures are subject to change without notice.

4