

LiPoMate

6 cell voltage meter and balancer

介绍

锂电伴侣是一款高精度、高稳定性的电池组测量工具，它有独特新颖的外观，小巧清晰的液晶显示；集成了单体电压测量，电池组电量显示，以及平衡等功能于一体，还具有实时显示平衡状态，单体电压过低报警提示的功能。供电模式为电池自身供电，无需外接电源，外壳底部百叶窗设计具有良好的散热功能；当电池组单体电压差值大于0.01V时，平衡器会开启平衡功能，直到电池全部平衡。在单体电池进行平衡时，相应的“V”会闪烁显示，表示该单体电池正在平衡放电。本锂电伴侣可广范应用于各类电动模型的锂电池测试和平衡。

主要性能

测量范围:	2-6CELL Li-Poly/Li-Ion
平衡电流:	50mA
单体测量精度:	0.01V
单体电压测量范围:	0-5V
工作环境温度:	0-50°C

使用方法

锂电伴侣接插端口兼容EH、XH两种3-7P插头，使用时请按锂电池组平衡端口的负极与锂电伴侣外壳标识负极对应连接即可。当电池接入后，显示器显示各单体电池电压，内置平衡器自动检测电池电压，如果电压不平衡，则会自动开启平衡功能进行平衡，并有相应的状态指示，平衡结束后，自动关闭电路。

规格

尺寸:	70mm×38mm×11mm (L×W×H)
重量:	20g
外壳材料:	工程塑料
壳体颜色:	黑色/白色

注意事项

请勿在强磁辐射，高温暴晒，雨淋潮湿等环境下使用，防止跌落，避免强烈撞击，否则可能会造成液晶显示屏以及内部电子电路等功能损坏。

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Introduction

LiPoMate is a high-precision, high stability measurement tool for Li-Poly battery packs. The small yet surprisingly clear LCD contributes to it's unique and original appearance. Engineered into the bottom are specialized cooling ducts to maximize efficiency and maintain a stable operating temperature. It integrates the functions of measuring cell voltage, displaying battery power capacity, and balancing cells by displaying the balancing status instantly. You will be alerted by a flashing alarm when cell voltages are low. Operation runs off the Li-Poly attached requiring no external power source. When the voltage difference between cells reaches 0.01V, the balancer will start to work until all the cells are balanced. The corresponding "V" will be flickering when it is balancing. It means the cell is balancing discharge. This LiPoMate could be applied for all kinds of Lipo batteries to measure and balance.

Capability

Batteries supported:	2-6CELL Li-Poly/Li-Ion
Balancing current:	50mA
Voltage precision:	0.01V
Voltage range:	0-5V
Operating temperature:	0-50°C

How to use?

This LiPoMate will accept EH & XH (Dualsky, E-Flite, Align) connectors with 3-7 pins. When using, please note the negative lead or pin of the Lipo connector should match the "negative" marked on the shell of LiPoMate. After the Lipo is connected, the LCD displays the voltage of each cell, the built-in balancer will check the voltage automatically. If it is not balanced, the balancer will start to work, and the status will be shown on LCD. The circuit will automatically cut out after balancing.

Specification

Dimensions:	70mm×38mm×11mm (L×W×H)
Weight:	20g
Shell Material:	Plastic (ABS)
Shell Color:	Black / White

Notes

Do not use it in the environment of magnetic radiation, high temperature, insolation, rain and humidity. Prevent falls and strong impact. Otherwise, it will damage the LCD screen or electronic circuit inside. Do not leave connected to Li-Poly during Li-Poly storage.