

LVM

Lithium VoltMeter

PRO SERIES™

VoltMeter for LiPo/LiFe/Li-Ion Batteries



INSTRUCTION MANUAL

Thank you for purchasing the **Hobbico Pro Series Lithium VoltMeter**. This device measures and displays individual cell voltages and overall pack voltage of 2–6S Lithium Polymer, Lithium Iron Phosphate and Lithium Ion batteries on an LED display. The LVM is very easy to operate. Simply plug in the battery! The LVM is small enough to fit anywhere and has a loop allowing it to be attached to a wrist strap, neck strap and/or key chain. Includes a 6S in-line adapter for FlightPower® and Thunder Power batteries.

HOBIBICO®

SPECIFICATIONS

Battery Types: LiPo, LiFe, Li-Ion

Display Type: LED

Dimensions: 2.75" × 0.9" × 0.5" (70 × 23 × 13mm)

Weight: 0.43oz (12.3g)

Voltage Range: 5.5V – 25.2V (2S–6S)

Connectors: ElectriFly® style (FlightPower / Thunder Power adapter included)

CONNECTIONS

NOTE: The corresponding cell numbers are marked on the meter case. The black wire on the balance lead will always plug into the (-) pin on the LVM. If the battery is not connected properly, the LVM will not display any information.



1. **For ElectriFly style balance connectors:** Simply plug the balance lead from the battery directly to the LVM. The black wire on the balance lead should be connected to the (-) pin on the LVM.



2. **For FlightPower/Thunder Power batteries:** The included adapter will need to be installed prior to measuring the battery voltage. First connect the adapter to the LVM. Then connect the balance lead from the battery to the LVM.

OPERATING

1. Once the proper connections have been made, the LVM will briefly read “dsp” (display). Then the LVM will begin to read the individual cell voltages of the connected battery. This will be displayed by “No. 1” for cell one, “No. 2” for cell 2, etc.

2. After all individual cell voltages have been displayed, the overall pack voltage will be shown. This will be displayed by “all” followed by the measured pack voltage.

2 YEAR LIMITED WARRANTY *USA and Canada Only

Hobbico warrants this product to be free from defects in materials and workmanship for a period of two (2) years from the date of purchase. During that period, Hobbico will, at its option, repair or replace without service charge any product deemed defective due to those causes. You will be required to provide proof of purchase (invoice or receipt). This warranty does not cover damage caused by abuse, misuse, alteration or accident. If there is damage stemming from these causes within the stated warranty period, Hobbico will, at its option, repair or replace it for a service charge not greater than 50% of its then current retail list price. Be sure to include your daytime telephone number in case we need to contact you about your repair. This warranty gives you specific rights. You may also have other rights, which vary from state to state.

For service on your Hobbico product, warranty or non-warranty, send it post-paid and insured to:

HOBBY SERVICES

(217) 398-0007

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*For warranty and service information if purchased outside the USA or Canada, see the additional warranty information insert (if applicable) or ask your retailer for more information.