

AVOID TROUBLE!

PLEASE REVIEW
THIS
DOCUMENT CAREFULLY.

AVOID 90%+ OF PROBLEMS
BY READING FIRST!

PLEASE READ THIS FIRST!

Battery chargers, batteries, model airplanes, model airplane motors, propellers and related accessories, tools and equipment can be hazardous if improperly used. Be cautious and follow all safety recommendations when using this product. Keep hands, tools, clothing and all foreign objects and flammables well clear of equipment prior to and during operations. Take particular care to safeguard and protect your eyes and fingers and the eyes and fingers of other persons who may be nearby.

ALWAYS UNPLUG THIS PRODUCT WHEN UNATTENDED.

Liability Disclaimer

It is important that the following liability disclaimer be
READ BEFORE USING THIS PRODUCT

**Proceeding with use of this product indicates
Agreement With and Acceptance of the Liability Disclaimer
& Warranty Conditions.**

Except as specifically stated herein the Manufacturer, Distributor, Retailer and/or other suppliers of this product expressly disclaim any warranties or representations either expressed or implied, including but not limited to implied warranties of fitness for the purposes stated or otherwise applied to.

In no event will the Manufacturer, Distributor, Retailer and/or other suppliers of this product have any obligation arising from contract or tort, or for loss of revenue or profit, or for indirect, special, incidental, consequential or other damages arising from the use of this product.

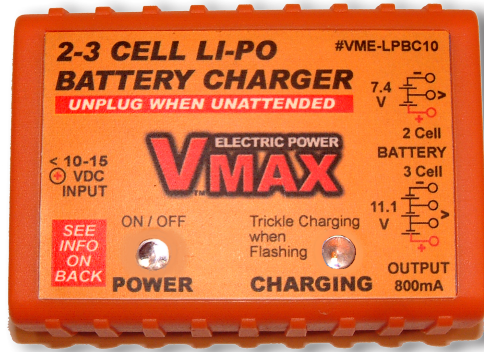
In purchasing and/or using this product, the user accepts all responsibility for its use and accepts all liability associated with such use.

WARNING - FIRE RISK

If this Product or any Battery to which it is connected Overheats, Smokes, Smells or Swells then **IMMEDIATELY UNPLUG** all connections & **MOVE ALL COMPONENTS** to a Safe Dry Outdoor Location.

UNPLUG WHEN UNATTENDED

Do **NOT** connect or operate Near Flammable Materials. Do **NOT** Charge when Hot.
Ensure Charger Input & Output Voltage is Correct.



Top View



Bottom View

UNPLUG WHEN UNATTENDED

Do NOT CHARGE NEAR FLAMMABLE MATERIALS. Many people place their battery pack in a small metal box or in a metal bread pan when charging. Although you need to be careful not to have any exposed leads or wires when working around metal, a metal box or pan in most cases is a good idea. Do not leave or charge your battery or charger on or near a car seat, dashboard, carpet or any flammable surface.

Do NOT CHARGE inside an automobile. If using a cigarette lighter adapter or connecting to automobile power ensure that the cord is long enough to connect to the charger & battery located outside and away from the automobile.

Do NOT CHARGE WHEN CHARGER OR BATTERY IS HOT. If a battery or charger is hot to the touch, it's too hot for charging. Understand why it's hot. Check your connections. If the battery and charger are found to be OK, unplug and wait until the components cool before using.

USE WITH A LITHIUM POLYMER (LiPo) BATTERY ONLY. This product is for charging LiPo batteries only. LiPo battery chargers are very different than other battery chargers. The charger must reduce charge current to .05C above 4.20V/cell and terminates the charge when the battery has been charged to 4.3V/cell. This charger charges and monitors each cell independently to prolong battery life.

CHARGE AT THE CORRECT VOLTAGE. Ensure that your battery charger output voltage is correct by plugging into the correct port on the side of the charger. Each port is rectangular in shape and a different size for a reason. The smaller of the two ports is for 2 Cell 7.4V LiPo batteries. The larger of the two ports is for 3 Cell 11.1V LiPo batteries. See the information and indicator labels on the charger.

AVOID FIELD CHARGING. You are far better off, to have 2, 3 or more LiPo battery packs charged up before you arrive at a flying field or other activity venue rather than trying to get by with 1 pack and field charging it between use. If you want your LiPo batteries to last longer and work better... charge your batteries at the right temperature, in a controlled environment, with a good shop LiPo battery charger rather than rushing a field charge immediately after use so that you can get back into action again. Field operations are somewhat distracting with people yakking and running about. If you field charge, take a quiet moment to make sure your connections are correct and safe. Most mistakes happen at the field!

ALWAYS UNPLUG WHEN UNATTENDED. Do not leave your charger or battery connected to anything when unattended. Nothing!

ELECTRIC POWER
VMAX
 TM

OPERATING INSTRUCTIONS.

Examine all sides of your charger and read all labels and warnings before using. Then do A, B, C.

A. Connect 10-15 VDC power source to round input jack on side of case.

B. Determine if LIPO battery has 2 or 3 cells. 7.4 or 11.1V LIPO ONLY.

C. Connect battery (or use one of the adapters provided) to rectangular shaped 2 or 3 cell charge port on side of case.

After 5 seconds "CHARGING" LED will light.

ALWAYS UNPLUG THIS PRODUCT WHEN UNATTENDED.

WARNING - FIRE RISK
UNPLUG WHEN UNATTENDED
 READ ALL INFO BEFORE USING
 A. Connect 10-15 VDC power source to round input jack on side of case. "POWER" LED will light.
 B. Determine if LIPO battery has 2 or 3 cells. **7.4 or 11.1V LIPO ONLY**
 C. Connect battery (or use adapter) to rectangular shaped 2 cell or 3 cell charge port on side of case. After 5 seconds "CHARGING" LED will light.
 KEEP DRY!
 UNPLUG ALL IF HOT, SMOKE OR SMELL.
www.richmondrc.com/vma/vmax.htm

LIMITED WARRANTY.

This product is warranted to the original buyer to be free of manufacturing defects for a period of 90 days from date of purchase.

Problems caused by alteration, normal wear and tear, physical damage, abuse, improper use, failure to comply with the setup and operating instructions, customer disassembly or damage caused by defective batteries or damage caused by the use of other accessories are not covered by this warranty.

All warranty returns **MUST** be accompanied by an RMA number and a dated sales receipt from an authorized VMAX re-seller and the original VMAX packaging along with all of the adapters and connectors supplied with this product.

All returns must be **SHIPPED PREPAID** to the VMAX Service Center in your market area.

REPAIRS & WARRANTY RETURNS.

Please visit www.richmondrc.com for the return procedure and location of the Service Center in your market area or call 604-940-1066. **You will need an RMA number. ALL SHIPMENTS MUST BE PRE-AUTHORIZED**

Attach a short note explaining the difficulty you are having including the brand and voltage of your battery and power supply. Be certain to include your name, address, day and evening phone numbers and your email address. **We do not accept freight collect shipments.**

SUPPORT INFORMATION.

We maintain an extensive Knowledge Base of information to support users of VMAX products. For a **Directory** page that points to the Knowledge Base and other VMAX information that you may find helpful please visit: <http://support.kbase.ca>

ACCESSORIES (OPTIONAL).

Get more from your Battery Charger with compatible accessories tested to work!

Power Supply. 12VDC 400mA output. Perfect for use with one VME-LPBC10 Battery Charger. Just plug the Power Supply into a 120VAC wall outlet or power bar and the connector into the input of the Charger and you are good to go! #RRC-8686B See Note:*1.



Power Supply. 12VDC 6A output. Lots of power here in a small size. Great for powering multiple #VME-LPBC10 Battery Chargers or if you want be able to move up to a heavier duty Charger/Balancer later. Plugs into 110-240 VAC outlet or power bar. #VME-TH12V6AR



Cigarette Lighter Plug with 8 foot cord. Plugs into your car outlet and can run outside to the input jack of the #VME-LPBC10 Charger. #RRC-CLCORD.



CHARGE TIMES.

Charge time varies directly in proportion to the output current of the battery charger and the capacity of your battery pack.

This charger is intended to charge your battery pack while maximizing ease of use & minimizing risk of damage to the battery pack. No programming, switches, fans, heat sinks or set up is required to make this charger work. If you connect & use this battery charger as specified, it will charge your 2 or 3 cell LIPO battery pack with a minimum of fuss and very low risk to your battery pack.

One consequence of it's simplicity and it's ease of use is that the charger requires time to do a great job.

Here are some very very rough estimates of charge time assuming a pack has been discharged to 20% of nominal capacity. These times could be out by 50% or more and are intended solely to serve as an approximate & relative indicator.

1000 mAh 2 Cell LIPO pack recharge time = 1 hour
1000 mAh 3 Cell LIPO pack recharge time = 1.5 hours

Scale these estimates for other battery capacities by multiplying the times by X/1000 where X is the capacity of your battery pack in mAh.

Note: *1 Further extend the estimated recharge times when using a power source having output current of less than 800 mA. For example, the RRC-8686B charger has a max output current of 400 mA hence charge times will be twice as long as estimated above.

For more information about Batteries & Chargers, Technology and Terminology please see our Knowledge Base at:
<http://www.kbase.ca/novo/default.asp?id=4835&Lang=1&SID=>

CONTENTS.

- 1 Battery Charger for 2-3 Cell Li-PO Packs including 1 Input power cord with alligator clips for attaching to 12VDC power source such as automobile battery or power supply. #VME-LPBC10
- 1 Adapter to connect Charger output to 5 pin Balance Port on 2 Cell Li-PO. #VMW-053BM5BF
- 1 Adapter to connect Charger output to 5 pin Balance Port on 3 Cell Li-PO. #VMW-054BM5BF
- 1 ReadMeFirst document.



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RichmondTM RC

VMAX Products are Distributed
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#VME-LPBC10S