

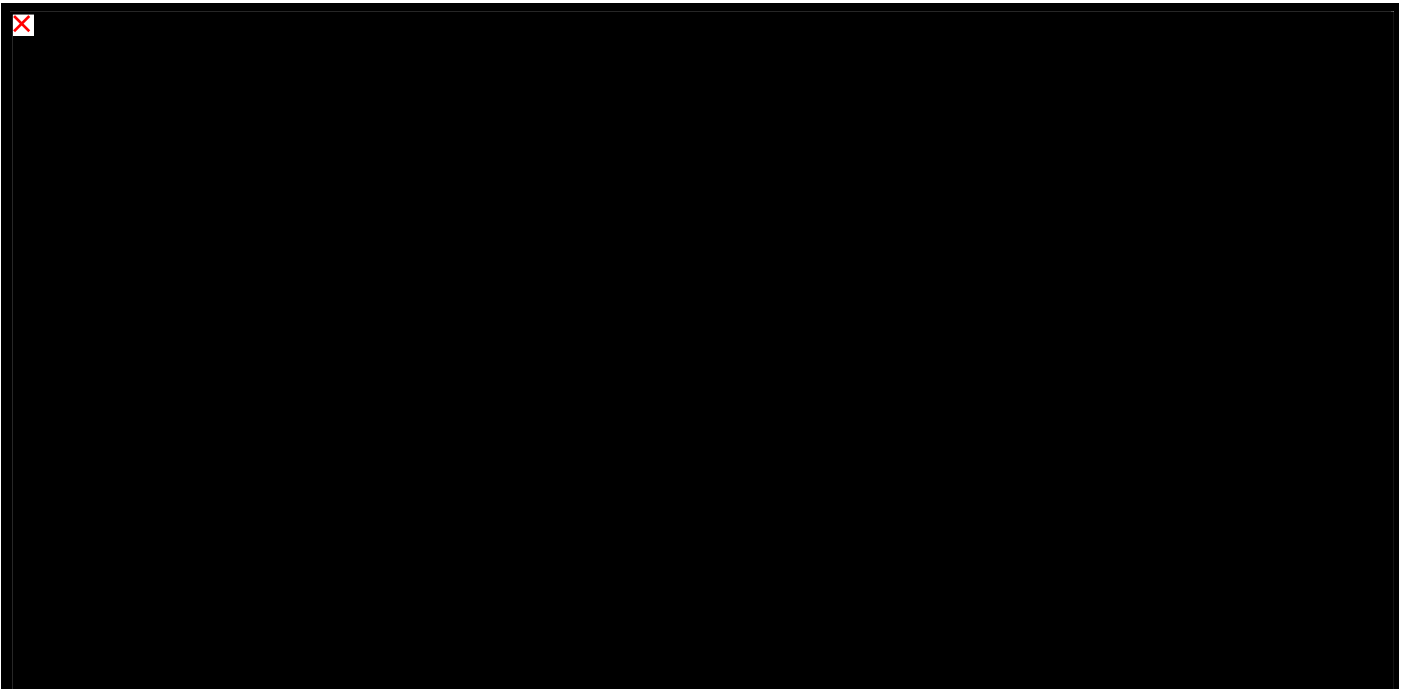
## RCU Review: Venom's Pro charger

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Contributed by: [Matthew LeMay](#) | Published: May 2012 | Views: 21927 | [Email this Article](#) | [PDF](#)



Review by: Matt LeMay

### Author

### Pro Charger

  
Matt LeMay

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### Specs

**Weight:** 12.3 oz (350 g)  
**Dimensions:** 136 x 90 x 30 mm  
**Operating Voltage:** 10.0-18.0 Volts  
**Circuit Power:** 50 Watts  
**Charge Current:** 0.1-5.0A  
**Current Drain of Balancing Lipo:** 200mAh per Cell  
**NiCD/NiMH Cell Count:** 1-15 Cell  
**LiPO/LiFe/Li-ION:** 1-6 Cell  
**Pb Battery Voltage:** 2-20V

### Required

**Venom Racing**

Phone: 1-800-705-0620

Fax: 208-712-3053

Website:

[www.venom-group.com](http://www.venom-group.com)

- Lipo battery to charge

**Hits****Misses**

Many features

Includes 8 different style connectors

5 Battery memory

AC/DC connections

Leads reversed on Traxxas plug

**Features:**

✘

✘

✘

**Included:**

Venom's Pro charger includes several different charging leads as well as some other goodies.

- Tamiya
- EC3
- Deans style
- Glow plug connector
- Small connector for charging receiver batteries
- JST adapter
- Alligator clips (for lead acid batteries)
- Push in adapter lead
- Temp sensor probe
- Cell balance block
- USB PC Link
- CD ROM program disc (to keep track of charging rates on the computer)

**Power Supply:** External

Venom Pro Charger AC Adapter

Input: 100-240V-1.2A-0.6A 50-60Hz

Output: 15V 5A

The external power supply plugs into the charger with a standard pin type plug and plugs into the wall with a standard 2-prong plug.

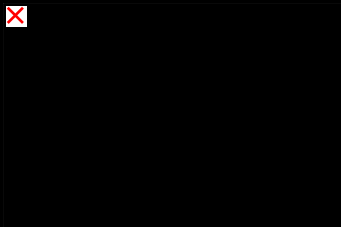
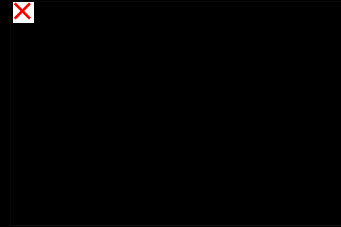
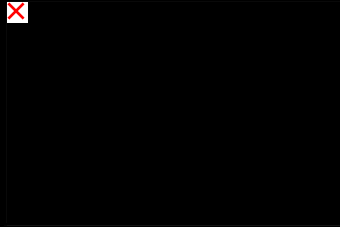
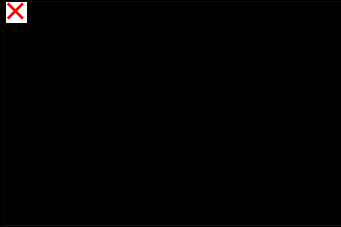
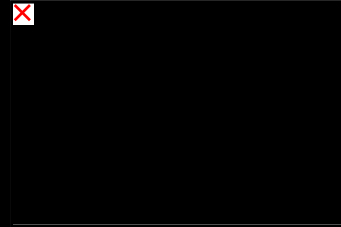
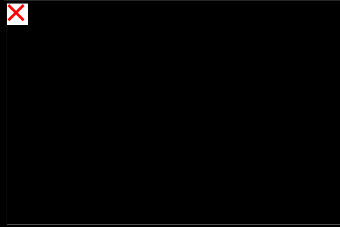
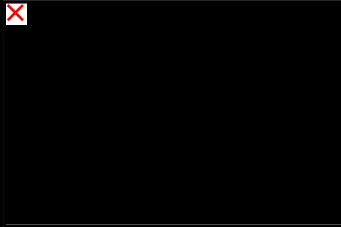
**The Charger:**

The charger is also equipped with permanent DC battery clips for use with DC power sources such as a car battery.

The USB and Temp probe inputs are located by the power inputs on the left side of the charger. The Charge leads as well as balance leads are located on the right side of the charger.

To the left of the cooling fan is an LCD screen is located on top of the charger above four buttons.

- Main Menu / stop
- Decrease
- Increase
- Start/Enter



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## Testing:

### Using the Pro Charger:

The pro charger provides adequate current to quickly charge small to medium sized packs and is easy to use, though its complexity may confuse you initially. I mainly used the charger on two types of batteries, LiPo and NiMH.

You can alter or adjust many components of this charger like end voltage, capacity cutoff, safety timer, Temperature cutoff, Ext/Int temperatures, Input power, and cell balancing.

There are many charge cycles including fast charge, balance charge, discharge, storage, and cycle. All have their uses and can be very useful.

Using the USB PC Link allows you to see the actual charge progression and individual cell voltages. This is great for trouble shooting weak batteries or making sure new ones are charging correctly.

The Charger has performed great at home or at the track. This is the charger I usually take with me to the track because it's small and doesn't drain a whole lot from my car battery. The charge lengths seem to be right on track with similar chargers and perfectly charges my 2s LiPos.

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## Credits:

### Venom Group International

United States of America  
14028 N. Ohio Street  
Rathdrum, Idaho 83858











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## Comments on RCU Review: Venom's Pro charger

There are no comments

The comments, observations and conclusions made in this review are solely with respect to the particular item the editor reviewed and may not apply generally to similar products by the manufacturer. We cannot be responsible for any manufacturer defects in workmanship or other deficiencies in products like the one featured in the review.

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	<u>Trinity</u>	<u>D4 1S</u>	In late June, 2014, Trinity released the D4 motor to replace the D3.5. Since that time, the D4 has powered cars to 8 ROAR Nat...	12/06/2015
	<u>Tamiya</u>	<u>Amarok Custom Lift</u>	As an official vehicle of the 2014 Sochi Olympics, Volkswagen built specialized polar edition custom lifted Amarak vehicles u...	11/24/2015
	<u>Traxxas</u>	<u>Slash VXL Brushless with OBA</u>	In June, I tested and wrote about the Traxxas Slash w/ OBA and how much I enjoyed what the Slash offers. It's been a goto veh...	11/23/2015
	<u>RCTECG</u>	<u>Using VRC yet? Why not? After all,</u>	You may remember we ran an article not that long ago asking about the value of simulators; you can read that here. Well, as i...	10/03/2015
	<u>RCTECH</u>	<u>Reliving the excitement of your fir</u>	Can you remember the moment you got your first RC car? I can remember, as a ten year old boy, walking into my first real hobb...	09/28/2015
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	<u>Schuur</u>	<u>Speed Extreme SPEC V3 17.5T Brushle</u>	Just about every big race you attend or hear about, you almost always find a class where the motor is specified as being 17.5...	09/13/2015
	<u>Dromida</u>	<u>BX4.18 Buggy</u>	The BX4.18 is Ready-To-Run (RTR) and requires nothing except patience. The included 6-Cell 7.4v 1300mAh NiMH battery and acco...	09/07/2015

	<b><u>GForce</u></b>	<b><u>Motor Analyzer tool</u></b>	Today, I am going to review the GForce Motor Analyzer tool. When it comes to test equipment, like this, I tend to get excited...	09/07/2015
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	<b><u>TRAXXAS</u></b>	<b><u>1/18 LaTrax SST</u></b>	The 1/18 LaTrax SST is built for any age or skill and designed to be durable and quick around the track. It comes fully assem...	08/29/2015
	<b><u>HELION RC</u></b>	<b><u>Invictus 10MT</u></b>	HELION RC INVICTUS 10MT 1/10th scale 4x4 brushless powered monster truck, powered by Radiant Reaktor. The 1/10 Invictus 10MT ...	08/29/2015
	<b><u>Dromida</u></b>	<b><u>4.18BL Brushless SPEED Series</u></b>	Dromida set it's sights on being a quality, durable, entry-level hobby-grade r/c company, and I've learned they are definitel...	08/23/2015



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