

**NITRO  
STARTER SET****VTEC****NITRO  
CHARGER SET**

# USER GUIDE

**LRP**

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## 1. CHARGER



The 3in1 charger has been specially developed to simultaneously charge 3 batteries at once. You can charge Transmitter packs (TX), Receiver packs (Bat) and Glow Starter batteries (Glow) either simultaneously or individually. You can also charge a 6 cell SubC battery pack over the Transmitter output (TX) using a special charging adapter. The charger has to be plugged into a standard 230V power socket and is ready for use straight away.

### LED INDICATOR:

The LED Indicator shows the status of each individual charge output. If the LED glows, a battery is connected and gets charged. If the LED does not glow, no battery is connected and the charge output is inactive. In case a battery is connected to an output and the LED does not glow, please check the plug connection and the battery.  
 Green LED = TX-Output; Yellow LED = BAT-Output; Red LED = Glow-Output.

### OPERATION:

Connect the charger to a 230V power socket. Connect the charge plugs with the batteries, which you want to charge. The charge process begins immediately after connecting the battery to the charger. To terminate the charge process, you have to disconnect the battery from the charger. The charger does not have an automatic end of charge detection.

**Attention:** Always check for the right polarity of your battery. The charger is not reverse polarity protected and connecting a battery with reversed polarity will destroy the charger.

### CHARGE DURATION:

To determine the charge duration of your battery, follow these instructions:

1. Check the capacity of your battery.
2. Divide the capacity of your battery with the charge current shown in the table below.
3. Multiply the result with 1.3 and you will get the charge duration in hours.

**Example:** You have a receiver battery with 1000mAh and charge it at the receiver battery output.  
 $1000/80 = 12.5$ .  $12.5 * 1.3 = 16.25$  hours charge duration.

	Rated voltage [V]	Charge current [mA]
Transmitter battery (TX)	11.2V	80
6 cell SubC battery pack (TX) with charging adapter	7.2V	210
Receiver battery (Bat)	5.6V	80
Glow starter battery (Glow)	1.4V	180

## 2. CHARGING ADAPTER



With the included charging adapter it is possible to charge a 6 cell SubC battery pack over the Transmitter output (TX).

Simply connect the battery with the included charging adapter to the transmitter output (TX). The charge duration can be determined as explained in Step 1.

**Please note:** This charging adapter is not included in the Nitro Starter Set - Pullstart (#37000).

Dear Customer,

thank you for your trust in this LRP product. By purchasing this LRP NITRO STARTER/CHARGER set, you have chosen a high-performance product for your RC model. The included charger is specially designed for the needs of beginners, who want to have maximum power with minimum effort. This charger can charge up to 3 different batteries simultaneously.

Please read the following instructions carefully before you start using your LRP NITRO STARTER/CHARGER set. This user guide contains important notes for the safety, the use and the maintenance of this product. Thus protecting yourself and avoid damages of the product.

Proceed according to the user guide in order to understand your LRP NITRO STARTER/CHARGER set better. Please take your time as you will have much more joy with your product if you know it exactly.

This user manual shall be kept in a safe place. If another customer is using this product, this manual has to be handed out together with it.

## 3. SPECIFICATION

	#37000 - Nitro Starter Set Pullstart	#37010 - Nitro Starter Set Rotostart	#37020 - Nitro Starter Set Deluxe	#37050 - Nitro Charger Set	#37060 - Nitro Charger Set Deluxe
Charger	3in1 charger with LED charge indication Input: 230V/50Hz Output: 1. 80mA/11.2V (Tx) - 210mA/7.2V (6-cell SubC) 2. 80mA/5.6V (Bat) 3. 180mA/1.4V (Glow)				
Charging adapter	no	yes	yes	yes	yes
Charging rack	no	no	yes	yes	yes
Transmitter battery	no	no	8 x VTEC2700 AA	no	8 x VTEC2700 AA
Receiver battery	no	no	1 x VTEC 1400 RX-pack	no	1 x VTEC 1400 RX-pack
Fuel bottle	yes	yes	yes	no	no
Glow plug ignitor	yes	yes	yes	no	no
Glow plug wrench	yes	yes	yes	no	no
Power Start battery	no	yes	yes	no	no

Specification subject to change without notice.

## 4. CHARGING RACK

With the included charging rack it is possible to charge 8 pcs. AA-size cells over the Transmitter output (TX). Most of the common transmitters use these type of cells.

In order to charge these batteries, take them out of your transmitter and place them into the charging rack. Take care of the right polarity of the batteries. You can check this by looking at the symbols on the inside of the charging rack.

Then simply connect the charging rack with the attached charging plug to the transmitter output (TX). The charge duration can be determined as explained in Step 1.

**Please note:** This charging rack is not included in the Nitro Starter Set - Pullstart and Rotostart (#37000 and #37010).



## REPAIR PROCEDURES / LIMITED WARRANTY

All products from LRP electronic GmbH (hereinafter called "LRP") are manufactured according to the highest quality standards. LRP guarantees this product to be free from defects in materials or workmanship for 90 days (non-european countris only) from the original date of purchase verified by sales receipt. This limited warranty doesn't cover defects, which are a result of misuse, improper maintenance, outside interference or mechanical damage. This applies among other things on:

- Power supply disassembly by customer
- Any modification of the power supply done by the customer
- Humidity/Water inside the power supply
- Over temperature failures due to blocking the cooling slots
- Reverse polarity at DC output
- Case opened by customer

To eliminate all other possibilities or improper handling, first check all other components in your model and the trouble shooting guide, if available, before you send in this product for repair. If products are sent in for repair, which do operate perfectly, we have to charge a service fee according to our pricelist.

With sending in this product, the customer has to advise LRP if the product should be repaired in either case. If there is neither a warranty nor guarantee claim, the inspection of the product and the repairs, if necessary, in either case will be charged with a fee at the customers expense according to our price list. A proof of purchase including date of purchase needs to be included. Otherwise, no warranty can be granted. For quick repair- and return service, add your address and detailed description of the malfunction.

If LRP no longer manufactures a returned defective product and we are unable to service it, we shall provide you with a product that has at least the same value from one of the successor series.

The specifications like weight, size and others should be seen as guide values. Due to ongoing technical improvements, which are done in the interest of the product, LRP does not take any responsibility for the accuracy of these specs.

With LRP 25-Years Warranty products, the warranty terms on the LRP 25-Years Warranty card do also apply. The legal warranty claims, which arose originally when the product was purchased, shall remain unaffected.

### LRP-Distributor-Service:

- Package your product carefully and include sales receipt and detailed description of malfunction.
- Send parcel to your national LRP distributor.
- Distributor repairs or exchanges the product.
- Shipment back to you usually by COD (cash on delivery), but this is subject to your national LRP distributor's general policy.