

CORE R/C – Lithium Polymer (LiPo) Batteries

READ CAREFULLY BEFORE USE OR CHARGE

LiPo Batteries are lighter, faster and punchier than typical NiCad or NiMh cells so please enjoy and respect the performance of this battery.

ONLY use a charger designed specifically to charge LiPo batteries. Always confirm the charger is set to charge appropriate voltage. Three cell LiPo packs = 11.1 volts, Two cell LiPo packs = 7.4 volts, One cell LiPo packs = 3.7 volts. The maximum charge rate for this CORE R/C battery is 1C which means 1 Amp per 1000mAh. e.g. Max charge rate = 3 amps for a 3000mAh pack and 4 amps for a 4000 mAh pack etc.

For the 3s (11.1v) and 2s (7.4v) batteries, a balancing LiPo charger is recommended.

Batteries rated at 20C discharge are capable of continuous discharge of 20 times the capacity. For example the 4000mAh pack is capable of 4000mAh x 20 = 80 Amps continuous discharge.

The second number stated is the burst discharge current which is 2x the continuous discharge rate.

Always put any LiPo battery inside a fireproof bag or box when charging, such as the CORE R/C LiPo Lockers CR735, CR736 or BAT-SAFE Charging Safe Box products.

Use the main power wires to connect to your Electronic Speed Control (ESC) and for normal charging, and the balancing connector ONLY for balance charging if you choose to do so.

Never discharge your LiPo battery pack below 3 volts per cell (6 volts for a 2s pack). Your pack will be permanently damaged if its voltage drops below this. Use only with a speed control that has LiPo voltage cut-off settings, or use an external voltage cut-off device with this pack. Use of this battery without a proper voltage cut-off device will permanently damage it and may lead to a catastrophic failure.

TIPS

LiPo batteries do not have any memory effect.

Store packs with about 50% charge in them.

You can use your LiPo battery as many times in a day as you want to.

This CORE R/C LiPo battery gives more performance and better life than NiCd or NiMh batteries.

You must only use a LiPo capable charger.

WARNINGS

LiPo batteries store a lot of energy and require a responsible approach to safe handling. Avoid short circuits or any overcharging and be prepared to deal with a fire by dry smothering with sand or powder.

When changing connectors make sure the two wires cannot touch during the process. Any short circuits will permanently damage the pack.

The battery should not exceed 40degrees C in normal use. 60 degrees C is the safe maximum.

Do not discharge below 3 volts per cell. Recharge to 3.8 volts per cell every 6 months in store.

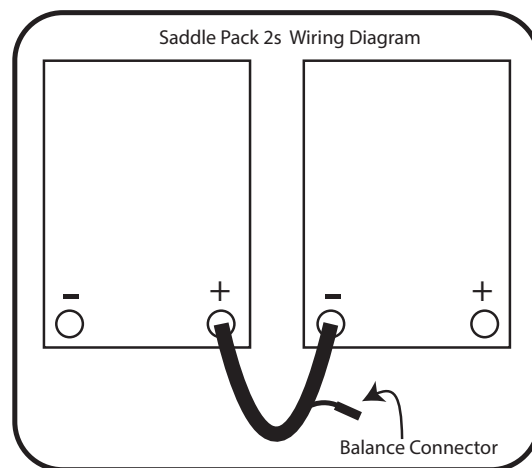
Do not leave connected in a model. Always unplug a LiPo pack after every run.

Do not charge unattended or in a model.

Do not short circuit your battery.

Do not charge or use a battery with swelling or any signs of physical damage.

Remove the battery to a safe place if there is any risk from the above conditions.



WARNING – RISK OF FIRE & EXPLOSION

In the event that a LiPo battery fails in some circumstances it may catch fire, explode or emit smoke and chemicals. If this occurs smother the battery with sand or dry powder, never use water. We strongly advise to always place any LiPo battery inside a fireproof bag or box when charging, such as the CORE R/C LiPo Lockers CR735, CR736 or BAT-SAFE Charging Safe Box products. Failures are rare and only occur due to physical damage, incorrect charging, and use without a proper low voltage cutoff. Never charge a battery which has swelling or any signs of physical damage. Fire may occur up to one hour after last connection.

DISCLAIMER – TERMS & CONDITIONS

Schumacher Racing Ltd and its distributors or retailers accept no liability for any consequential losses however they may occur as we have no control over the use of this product. If you do not accept these conditions please return the product unused. Use of the battery indicates acceptance of these terms and conditions.

PRODUCT WARRANTY

This is limited to original defects in material and workmanship. Due to the nature and use of this product there is no warranty period.

DISPOSAL

Completely discharge your battery. Immerse in salt water for two weeks.

The battery will then be safe to place in your regular rubbish. They are landfill safe.

Exclusively distributed by:

Schumacher Racing Products Ltd.
71 - 73 Tenter Road, Moulton Park
Northampton, NN3 6AX.
+44(0) 1604 790770
sales@racing-cars.com