

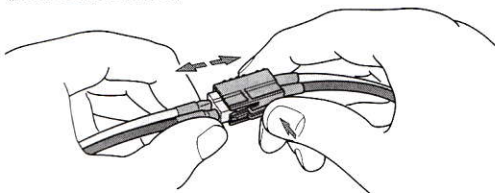
TAMIYA LF BATTERY

LF1100-6.6V

RACING PACK (M-SIZE)



《How to disconnect》



This is a high performance lithium-ion battery designed for use with R/C models.

○ This battery is compatible with quick charging and features high output power according to its excellent discharging characteristics.

○ Use of a discharger to **recondition** the battery is not required as this battery does not have a memory effect which is observed in rechargeable batteries.

○ Improper use may lead to dangers such as heat buildup or extensive battery damage.

○ Read carefully and fully understand the instructions prior to use. Refer also to the instructions supplied with the compatible charger.

○ Store this instruction manual where it can be referred to at any time.

★ Charge the battery with LF compatible chargers.

Tamiya LF-6.6V Charger is recommended.

★ Do not over-discharge the battery.

Once over-discharged, the battery will not be rechargeable.

★ Handle the battery with care.

《Instructions for use》

● Do not forcibly connect and note the polarity when connecting the battery.

● Use the included spiral tube to prevent cable damage.

● Depending on chassis design, the battery may be unusable. Carefully position the connector and cables when attaching to the chassis.

● Do not discharge the battery after use.

● The battery can be recharged without a memory effect even after being only partially discharged (do not discharge before charging).

● Do not charge a fully charged battery as it will become overcharged and lead to heat buildup and damage to the battery.

● Charge the battery to about 50% of the capacity for long term storing. In simple terms, charge for half the required full charging time.

● Connect the balance connector to the charger and use balance charging once every 5 charges. This will help enhance battery life.

※ Some chargers may not have a balance connector.

● Allow the battery to cool down before charging if the battery is hot after use.

● Inspect the battery prior to use. If any rust is found, or unusual heat buildup is observed during charging, avoid using it and contact your local Tamiya dealer.

● Should the battery become discharged quickly after being correctly charged, this means that its life is over.

● Tamiya Customer Service will not repair the battery in cases such as damage from over-discharging, internal damage by charging with non-compatible charger (improper charging voltage), damage from dropping, or damages from improper use due to non-observance of these instructions. Please note that repairs may not be possible depending on the battery condition even if it is sent in for a repair request.

Read carefully and fully understand the following safety precautions as improper use of the Tamiya LF1100-6.6V Racing Pack may cause battery leakage, heat buildup, explosion, and/or burns.

⚠ Danger

● Do not fully discharge the battery by lighting LEDs and so on. Over-discharging damages the battery.

● The receiver, servo, and ESC share battery power and consume large amounts of electricity. If they are turned on for a long time, it could cause over-discharging even if the model is not running.

● Charge the battery with the Tamiya LF-6.6V Charger only. Charging with Ni-Cd/Ni-MH charger damages the battery.

● Use the battery exclusively for the purpose of operating Tamiya R/C models.

● Do not use a discharger as it will damage the battery.

● Do not drop the battery. If the battery case is damaged, immediately stop using the battery.

● Do not throw the battery into a fire nor heat it up.

● Ensure correct polarity when connecting to devices.

● Reversed polarity will damage the charger and the battery.

● Do not short-circuit the battery terminals.

● Battery may be hot after use. Allow to cool before recharging.

● Do not solder, deform, disassemble, or modify the battery.

● Do not connect battery terminals together with metal such as wires. Do not carry or store the battery together with any metal items such as necklaces or hair pins.

● If eyes accidentally come in contact with battery liquids, immediately flush with water and seek medical attention as it may cause loss of eyesight.

● Do not store the battery in a sealed case.

● Do not use a battery which has exposed cables. Insulate with insulation tape and send the battery to your local Tamiya dealer for repair (at own expense).

⚠ Warning

● Remove the battery from the model when charging.

● Do not use the battery if leakage, discoloration, deformation, or anything unusual is observed.

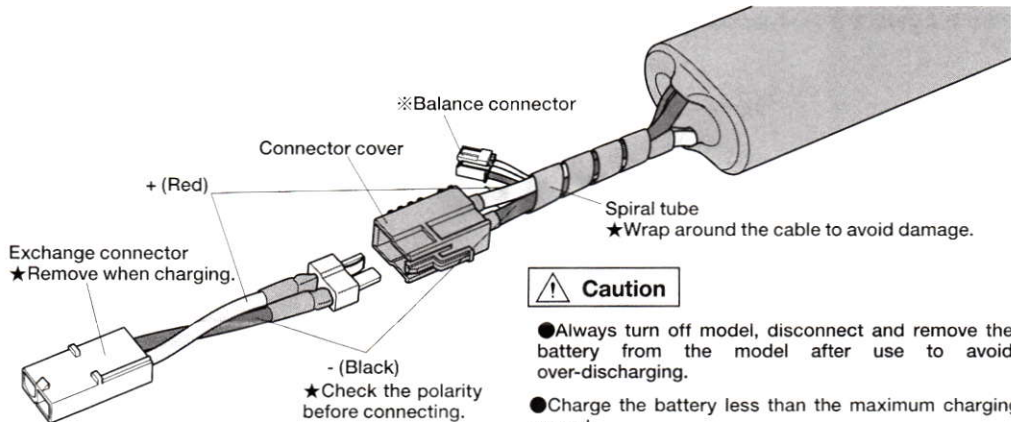
● Do not remove or damage the battery case and outer seals. Opened or damaged case and removed seals will be repaired by your local Tamiya dealer at your cost.

● Do not allow the battery to come in contact with water, seawater, or chemicals.

● When the charger continues to charge past the charging time, connect the balance connector and recharge the battery. If the charging continues, the LF battery or LF battery charger may have a malfunction. In such cases, refer to the instructions included with charger or contact your local Tamiya dealer.

● If battery liquid makes contact with skin or clothes, immediately flush with water.

● Do not recharge the battery right after it is fully charged.



Tamiya LF1100-6.6V Racing Pack will cut off discharging at 4V. Make sure to observe the following precautions when using the battery.

- ★Some brushless ESC or motors are not compatible with this battery. When using with the Tamiya Brushless ESC (TBLE-01), adjust the battery cutoff setting to Ni-MH mode.
- ★If your ESC is not equipped with a battery cutoff setting, and speed loss becomes apparent due to low battery power, immediately stop driving as over-discharging may damage the battery.
- ★The receiver, servo, and ESC share battery power. Make sure to turn off and disconnect the battery after use.
- ★Contact the ESC manufacturer for compatibility if you use a non-Tamiya ESC with this battery.

《Charger》

- Charge the battery with the Tamiya LF-6.6V Charger only. Charging with other chargers may lead to heat buildup, battery leakage, or damage to the battery and void your warranty.
- Read carefully and fully understand the instructions supplied with the charger.

《Specifications》

- Capacity : 1100mAh
- Voltage : 6.6V (※Do not zap the battery cell.)
- Discharging cutoff voltage : 4.0V
- Standard charging voltage : 7.2V (※Over 7.2V of charging voltage damages the battery.)
- Maximum charging current : 4.4A (4C rate)
- ※To reduce the load for the charger and battery, charging at 2A (2C rate) is recommended.
- Safety device : Safety loophole (on each cell)
 - ※Cannot be recharged if it activates.
- Temperature range (discharging) : -10°C ~ +50°C
- Temperature range (charging) : 0°C ~ +40°C
- Temperature range (storing) : -20°C ~ +30°C
- Dimensions : 70.0 x 38.0 x 20.0mm (not including cables)
- Weight : Approximately 98g
- Cell layout : 2-cell in series
- Type : Lithium-ion battery

⚠ Caution

- Always turn off model, disconnect and remove the battery from the model after use to avoid over-discharging.
- Charge the battery less than the maximum charging current.
- A supervising adult should also read the instructions if a child is using the battery. Make sure the battery is used properly as instructed.
- Keep out of reach of small children. Do not allow them to remove the battery from the charger or the model.
- Do not throw the battery and avoid strong shocks or impacts.
- Please handle carefully when disconnecting connectors.
- Included connector cover helps prevent short circuits. Use the cover when using the battery.
- Store the battery in a charged condition.
- Charge the battery within the 0°C ~ +40°C temperature range.
- Do not use or leave the battery in humid places or in hot areas such as under direct sunlight, inside a car in summer, near a flame, or around a heater.
- Charge the battery when using for the first time after purchase or after a long storage period.
- Included exchange connector is used to connect to the ESC only. Do not use it for connecting to a charger.

《Note》

- ★Always clean the connector terminals as grime can cause heat buildup.
- ★Carefully handle the battery when using at a high current rate as it may be hot.

- Send the product with detailed description of the malfunction to Tamiya Customer Service for a repair request (Effective in Japan only).

Tamiya accepts no responsibility for battery damage or accidents due to disassembling or modifying the battery as well as non-observance of these instructions or other improper use of this battery.



Li-ion

Seller: Tamiya, Inc.

- For disposal of rechargeable batteries, please bring to your local battery recycling locations.