

Transformer Lithium Polymer Transmitter Pack

FROMECO

INSTRUCTIONS

Charging instructions

The Fromeco Transformer Transmitter pack should be charged at no more than 1C. 1C Equals a charge rate of no more than 2.5 amps, or 2500mA's. A suitable Lithium Ion charger should be used for charging.

NOTE: This battery pack can *not* be charged with the OEM charger that is included with the transmitter. To do so could cause fire, damage to the transmitter, and transmitter battery compartment.

Plugs

The Transformer pack comes with 2 JR type hobby connector plugs. One Plug is **BLUE** or special "JST" for JR Spektrum TX's, the other Plug is **BLACK**.

The Black plug is for recharging the pack while installed in the transmitter.

The **Blue** or "JST" plug should be plugged into the transmitter where the OEM battery was installed. Some transmitters are polarity sensitive, pay special attention when removing your OEM pack to the Red and Black wires and their installation orientation. Be sure to install the Fromeco plug in the same orientation. Failure to do so could result in transmitter damage.

Specifications

- ‡Capacity = 2500mAh
- ‡Charge Rate = 1C, 2.5amps, 2500mA
- ‡Maximum Discharge = 2amps, 2000mA's
- ‡Charger Type = Lithium Ion, Lithium Polymer
- ‡Maximum Voltage = 12.6 volts
- ‡Fully charged voltage = 12.6 volts
- ‡Stop flying recharge level = 11.0 volts
- ‡Full time active balancing, "balancing when pack is not in use"

Charging throught the TX charge jack.

Can the Fromeco Transformer pack be charged via the trasmitter OEM charge jack in the side of the case?

YES and NO. Modification will most likely need to be made with your transmitter to do this. This modification needs to be made by the end user, you. Fromeco will not walk you through procedure or give you a direct link to any one site telling you how to make these modifications.

If you do choose to modify your transmitter to allow for charging through the case, *a suitable Lithium Ion charger is still needed to charge.* OEM chargers will break these batteries, or worse your transmitter. Please consult your owners manual and warranty information before making any modifications to your transmitters.

To find information on modifications a Google search of "Transmitter Diode Jumper" will pull up the knowledge that you may need.

Why didn't you design it to work through the Charge Jack?

99% Of all TX's sold today are sold with NiMH or NiCad cells, and inexpensive charger to charge them "Wall Wort". These chargers charge at such a low rate that they basically can't harm the batteries if left on to long.

The manufactures install a Diode in the current path, it only allows for the Electrons to flow one way, to the battery. Because of this, higher end hobby chargers which need to receive a voltage from the battery to tell when to terminate their charge can not see the battery, thus they will not charge what they can not see.

Fromeco Scale Avionics LLC® warrants that at the time of shipment and for a period of ninety (90) days thereafter the Product (Fromeco Scale Avionics LLC® (**Transformer Pack**)) shall conform to the functional description contained herein, and shall be free from defects in workmanship. If any defect within this warranty appears, the Purchaser shall notify FROMECO immediately. Buyer's sole and exclusive remedy in the event of a defect is expressly limited to (at Fromeco Scale Avionics LLC® sole election) correction of the defect by replacement or issuance of credit in the amount of the price of the Product, for any Product which proves defective within the above warranty. The foregoing warranties are the sole and exclusive warranties made by Fromeco Scale Avionics LLC®. THESE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. In no event shall Fromeco Scale Avionics LLC® be liable to Purchaser, end user, or any other party or individual for any incidental, special or consequential damages of any nature that are or could be attributable to the product. Fromeco Scale Avionics LLC® maximum liability shall not exceed the purchase price of the Product under this agreement. Use of the Product by Purchaser shall constitute Purchaser's acceptance of these terms.