

## 1. SPECIFICATIONS:

	pulse BEC 5v	pulse BEC 6v
Cells elements of battery:		
NiCd/NiMH	6-25 cells	7-25 cells
LiPo	2-8 cells	3-8 cells
Continuous current:	3 A	3 A
Maximal peak current:	5 A	5 A
Output voltage:	5 V	6 V
Weight (include all cables):	11 g	11 g

The **Markus pulse BEC 5/6v** provides the receiver and servos with a 5/6 volt supply direct from the drive battery and eliminates the need for separate battery.

## 2. INSTALLING AND CONNECTING

Remove the central tap (red wire) from servoconnector your speed controller before using Markus pulse BEC. And also you must to isolate this tap properly.

Connect the servoconnector (from the side of inscription of "OUT" on a label) to the free channel on your receiver, **observing correct polarity.**

Connect the red wire of **Markus pulse BEC** (from the side of inscription of "IN" on a label) to the red wire (+) of battery pack and black wire of **Markus pulse BEC** (from the side of inscription of "IN" on a label) to the black wire (-) of battery pack.

**IMPORTANT NOTE: You must be sure that the polarity is correct when connecting the Markus pulse BEC. Incorrect polarity could permanently damage the Markus pulse BEC!**

Install the **Markus pulse BEC** in the model so that it is isolated from vibration and shock, using double sided foam tape. Allow space around the **Markus pulse BEC** for cooling.

At connection servo type it is recommended to be guided by the following table:

	Micro servos	Standard servos	High Torque servos	Digital servos
Max. servo number	10-12	7-8	3-4	2-3

## 3. WARRANTY

All **Markus products** are accompanied by an **one-year** manufacturer warranty against defects in materials and workmanship.

This warranty does not cover damage due to misuse, abuse, neglect, or incorrect wiring.

**Markus pulse BEC must has original packing and label!**

**WARNING: Markus pulse BEC WILL NOT be covered under the warranty for:**

- connecting more battery cells to the controller than the max. number specified in the technical data
- reversing connections to the accumulator
- overloading
- overloading of the BEC with bigger currents or bigger power loss than is specified in technical data
- water in the pulse BEC
- mechanical damages

**Do not connect the Markus pulse BEC to just "any" kind of power source. Take care to ensure the right polarity of NiCd/NiMH or LiPo power packs only.**

**Do not connect the motor battery to the wrong polarity, the Markus pulse BEC will be severely damaged.**