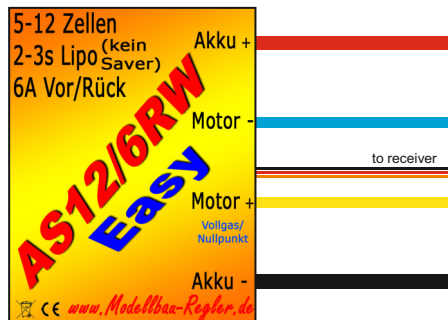




## User Manual

AS-12/6RW EASY w/o cables

AS-12/6RW EASY with cables



### Features:

operating voltage: 5-12 cells / 6-12 V lead battery  
2-3 S Lipo (without protection)  
voltage range 5,5-16 V

Current: 6 A continuous / 10 A burst  
Full 18KHz HF PWM output for noiseless ESC operation

selflearning Easysetup, Failsafe, LedMonitor,  
intelligent motor reverse,  
100% back, 100% forward  
Size 20mm x 17mm x 5mm  
weight without cables 2 g

### NO BEC on this ESC

The ESC supplies itself from the battery, current drain from BEC < 1mA

The AS12-6RW does NOT have a BEC, you must supply receiver and servos from an external BEC (other ESC) or with a receiver battery!

## Recommendation:

Place the AS-12/6RW at a sufficient distance from the receiver and installed motors to prevent interferences. If the ESC gets really hot during operation, then the cause is found in most cases in an excessive current load on the ESC. Operating above or below the specified voltage ratings will damage the ESC.

## Setup

ESCs of our EASY series do not have to be programmed! They are self-learning and foolproof too operate, proceed as follows during start-up:

1. Connect the ESC to the receiver
2. Switch on the transmitter, set the throttle lever to the middle
3. Switch on receiver power supply (BEC or receiver battery)
4. Connect the drive battery, i.e. the main supply, to the ESC.
5. Wait about 3 seconds.
6. After three short beeps, the ESC is ready for operation.  
The signal tone / beep can only be heard when the motor is connected!

This ESC is designed to work with RC systems that are not changed from standard settings. So before you start reset all the settings of your RC system to the delivery status. The LED installed on the ESC indicates the zero and full throttle positions of the throttle stick. Slow blinking of the LED means that no usable RC signal is present at the ESC. In this case, the ESC stops the connected motor.

## ATTENTION

**Reversing the polarity or incorrectly connecting the ESC can damage the ESC in seconds!  
Also, the motor connection cables must NEVER touch each other when the battery is connected!  
This product is suitable for operation with rechargeable batteries of any type, operation on power supplies can damage the ESC.**

## legal:

CE test:

This product complies with the EMV guidelines 89/336/EWG, 91/263/EWG, 92/31/EWG

Tested according to the following Generic standards: EN 55014-1/A1 55014-2 / WEEE DE 74067127

Area of use: radio-controlled models

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## Version without cable

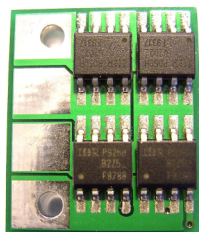
Because we know that such small ESCs are very often installed in places where there is hardly any space this ESC is delivered without soldered cables. So everyone can install and wire the ESC as it best fits his model. There are two holes in the board at the plus and minus solder pads. This makes it possible to bridge the plus and minus connection when using several ESCs to supply several ESCs with only one plus / minus. This allows the ESCs to be packed as tight as possible stacked on each other. Each ESCs comes with a suitable servo cable, which you can shorten to the appropriate length and must be soldered to the ESC. You can see which connections have to be connected at which points on the photos.

**Akku/Plus**

**Motor-Minus**

**Motor-Plus**

**Akku/Minus**



**Servokabel  
Anschluss**

**Impuls**

**Plus**

**Minus**

