

## YGE Cap's

The capacitor module is a very useful upgrade, a perfect fit for our controllers. It enables maximum part load operation and optimal performance in a border area. The module will be soldered on the battery supply line as close as possible to the controller. It is not necessary to sever the wire. You only have to remove the isolation along 5mm. See assembly examples under <http://yge.de/caps2php>.

Our modules serve to compensate the inductance of leads with extended battery cables.

Due to this, **all** our controllers of the L- and XL- series can be equipped with the respective module in case of critical cable length.

The anti-flash function of the controller is not transferred to the capacitor module, whereby a stronger spark emerges when it is switched on.

It can be avoided by installing a resistance of 4,7 Ohm 2..3 Watt. The integrated anti-flash of the controller will not be influenced by it.

### Technical data:

#### Modul Typ 5

- 5 pieces 330  $\mu$ F ultra Low ESR Elkos
- Operating voltage: Max. **25V** (bis 6s LiPo)
- Solder bucket for cable up to 6 mm<sup>2</sup>
- Measurement: 28 x 31 x 16 mm
- Weight: 10 g

#### Modul Typ 7

- 5 pieces 330  $\mu$ F ultra Low ESR Elkos
- Operating voltage: Max. **63V** (bis 15s LiPo)
- Solder bucket for cable up to 8 mm<sup>2</sup>
- Measurement: 28 x 31 x 26 mm
- Weight: 17 g

#### Modul Typ 9

- 9 pieces 390  $\mu$ F ultra Low ESR Elkos
- Operating voltage: Max. **63V** (bis 15s LiPo)
- Solder bucket for cables up to 8 mm<sup>2</sup>
- Measurement: 23 x 66 x 33 mm
- Weight: 42 g

### Attention!

During assembly please be mindful of the correct polarity.

The circuit board is labelled accordingly. Polarity reversal results in destruction of the modul.

### Warranty:

We give 6 months warranty on this part. Any other requirements are excluded. That applies in particular to requirements for damage or injuries compensation due to malfunction or failure. For damages to property or personal injuries and their consequences, which developed from our supply or craftsmanship, we do not take any liability, since we have no control on handling and use.

