

Electric Drive for Paraglider



Technical data of prototype electric drive:

- *Nominal power: 3 kW,*
- *Starting power: 9 kW,*
- *Flying time with electric drive turned on: 50 min*,*
- *Propeller rotational speed: 2400 rpm*
- *Paraglider weight: 37 kg**,*
- *Modern lithium-polymer battery.*

* - with 52 Ah battery, ** - with 40 Ah battery

Main advantages of electric drive:

- ♦ Quiet operation - higher flying comfort;
- ♦ Environment friendly - no pollution (emission 0g/1hour);
- ♦ Electric motor can be turned off during flying and turned on again, in this way it is possible to save energy and increase the autonomous flying time;
- ♦ High reliability and high flying safety;
- ♦ High safety of operation and maintenance - no flammable fuel is required.

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