### magniX Pode ser

Specifications:

* Max power: 640 kW
* Continuous torque: 3,020 Nm
* Max speed: 2,300 RPM
* Voltage: 800 V
* Peak efficiency: --
* Weight: 200 kg
* Known for: proven success in airworthy electric airplanes and seaplanes
* Location: Everett, USA
* Website: [www.magnix.aero/](https://www.magnix.aero/)

### H3X

Specifications:

* Max power: 250 kW
* Max torque: 120 Nm
* Max speed: 20,000 RPM
* Max voltage: 800 V
* Peak efficiency: 96.7%
* Weight: 15 kg
* Known for: superior power density
* Location: Minneapolis, USA
* Website: [www.h3x.tech/](https://www.h3x.tech/)

### EMRAX

Specifications:

* Max power range: 52 - 380 kW
* Max torque range: 90 - 1000 Nm
* Max speed range: 4,000 - 6,500 RPM
* Voltage range: 110 - 800 V
* Peak efficiency: up to 98%
* Weight range: 7 - 42 kg
* Known for: high power density and stacking option
* Location: Kamnik, Slovenia
* Website: [emrax.com/](https://emrax.com/)

### Siemens

Specifications:

* Max power: 204 kW
* Max torque: 1,500 Nm
* Max speed range: 1,300 RPM
* Voltage range: --
* Peak efficiency: --
* Weight range: 49 kg
* Known for: high efficiency, large motors
* Location: Munich, Germany (headquarters)
* Website: [www.siemens.com](http://new.siemens.com/global/en/products/drives/electric-motors.html)

### MGM COMPRO

Specifications:

* Max power range: 5 - 80 kW
* Max torque range: 25 - 300 Nm
* Max speed range: 1,500 - 12,000 RPM
* Max voltage range: 63 - 800 V
* Peak efficiency: Up to 99%
* Weight range: 2.8 - 22 kg
* Known for: tailor-made, unique technical solutions
* Location: Zlin, Czechia

Website: [www.mgm-compro.com/](https://www.mgm-compro.com/)

### Safran Pode ser

Specifications:

* Max power: 500 kW
* Continuous torque: --
* Max speed: 2,200 RPM
* Voltage: --
* Peak efficiency: --
* Weight: --
* Known for: tolerance of harsh environments, integrated motor controller
* Location: Paris, France (headquarters)
* Website: [www.safran-electrical-power.com/](https://www.safran-electrical-power.com/electrical-systems/our-engineustm-electrical-motors)

### T-Motor

Specifications:

* Max power range: 16 - 28 kW
* Max torque range: 6 - 56 Nm
* Max speed range: 2,439 - 3,134 RPM
* Voltage: 50 - 100 V
* Peak efficiency: --
* Weight range: 3.6 - 5.2 kg
* Known for: climate versatility, all-around performance
* Location: Nanchang, China
* Website: [uav-en.tmotor.com/](https://uav-en.tmotor.com/" \t "_blank" \o "T-Motor website)

### YASA

Specifications:

* Power range: 160 - 200 kW
* Torque range: 370 - 790 Nm
* Max speed range: 3,250 - 8,000 RPM
* Voltage range: 350 - 700 V
* Peak efficiency: >95%
* Weight range: 24 - 37 kg
* Known for: smaller and lighter motors and controllers than competitors
* Location: Oxford, UK
* Website: [www.yasa.com/](https://www.yasa.com/)

### Turnigy

Specifications:

* Max power: 9.8 kW
* Max torque: --
* Max speed: 7,800
* Voltage: 19 - 52 V
* Peak efficiency: --
* Weight range: 2,500 g
* Known for: motors for a variety of uses
* Location: sold through Hobby King (Hong Kong, China)
* Website: [www.turnigy.com/](http://www.turnigy.com/)

### Thin Gap

Specifications:

* Max power: 44 kW W
* Max torque: 191 Nm
* Max speed: 2,200 RPM
* Voltage: > 726 V
* Peak efficiency: --
* Weight: 4 kg
* Known for: ironless stator and no cogging design, high torque: weight ratio
* Location: Camarillo, USA
* Website: [www.thingap.com/](https://www.thingap.com/)

### KDE Direct

Specifications:

* Max continuous power range: 0.43 - 12.8 kW
* Max torque range: --
* Max speed range: --
* Voltage range: 7.4 - 69.6 V
* Peak efficiency: --
* Weight range: 24 - 700 g
* Known for: zero vibration operation
* Location: Bend, USA
* Website: [www.kdedirect.com/](https://www.kdedirect.com/)

### Pipistrel

Specifications:

* Max power: 57.6 kW
* Max torque: 220 Nm
* Max speed: 2,500 RPM
* Voltage range: 250 - 400 V
* Peak efficiency: --
* Weight: 22.7 kg
* Known for: the first electric engine certified for use in General Aviation by the EASA
* Location: Ajdovščina, Slovenia
* Website: [www.pipistrel-aircraft.com/](https://www.pipistrel-aircraft.com/)

### ****MAD Components****

* Max power: up to 21 kW
* Max torque: up to 67 Nm
* Max speed: --
* Max voltage: 100 V
* Peak efficiency: --
* Weight: up to 4.2 kg
* Known for: optimized cooling design, sturdy components
* Location: Warsaw, Poland
* Website: <https://mad-motor.com/>

### ePropelled

* Max power: up to 16 kW
* Max torque: up to 30 Nm
* Max speed: 8,000 RPM
* Max voltage: 72 V
* Peak efficiency: 94%
* Weight: up to 3.1 kg
* Known for: High power-to-weight ratio
* Location: Lowell, USA
* Website: <https://epropelled.com/>

### Alva Industries

* Max power: 10 kW
* Max torque: 37 Nm
* Max speed: 4,000 RPM
* Max voltage: --
* Peak efficiency: 95.4%
* Weight: 2.8 kg
* Known for: High torque motors
* Location: Trondheim, Norway
* Website: <https://alvaindustries.com/>

### Plettenberg

* Max power: 30 kW
* Max torque: up to 80 Nm
* Max speed: 7,000 RPM
* Max voltage: 140 V
* Peak efficiency: Up to 95%
* Weight: up to 6.5 kg
* Known for: High efficiency motors
* Location: Baunatal, Germany
* Website: <https://plettenberg-motoren.net/>

### Lycoming O-320-E2D

Horsepower: 111855 W

RPM at Max Horsepower: 2700

Power Consumption (Amp-hour): N/A

Weight: 268 lbs

Volume/L x OD: 22112,38 in3

### Raser Tech G100

Horsepower: 119312 W

RPM at Max Horsepower: 4000

Power Consumption (Amp-hour): 160

Weight:172 lbs

Volume/L x OD: 128,25 in3

### Lange EA42

Horsepower: 38478.11 W

RPM at Max Horsepower: 1800

Power Consumption (Amp-hour): 133 to 202

Weight: 64.2 lbs

Volume/L x OD: 104,86 in3

### Tesla Motors

Horsepower: 214761.6 W

RPM at Max Horsepower: 5000 to 6000

Power Consumption (Amp-hour): 573

Weight: 115 lbs

Volume/L x OD:

### US Hybrid HPM 450

Horsepower: 120057.7 W

RPM at Max Horsepower: 2500 to 4000

Power Consumption (Amp-hour): 171 to 267

Weight: 143 lbs

Volume/L x OD: 119 in3

O que está a vermelho deve estar mal!