



12 kW ELECTRIC PROPULSION SYSTEM

DRONES, MULTIROTORS, ULTRALIGHT GLIDERS

12 kW

max continuous power

63 v

max voltage

35 Nm

max torque

8 000 RPM

max revolution per minute

CONTROLLER HBC25063-3 SPECIFICATIONS



max continuous power¹

15 kW



voltage

16-63 V



max continuous current¹

400 A



peak current

400 A



cooling¹

air/fluid



monitoring

complex data monitoring



MOTOR RET30 SPECIFICATIONS



torque

35 Nm



max power¹

15 kW



rpm²

8 000



max continuous power¹

8-12 kW



diameter

169 mm



voltage

63-400 V



motor sensors

**sensored/
sensorless**



cooling

**air/hybrid
(fluid/air)**

Note: all the values are valid for environments of 25°C (please see the manual)

¹depends on voltage and rpm

²rpm out of this range needs to be discussed with MGM COMPRO

RET30 and HBC25063-3 is a great combination of high-performance controller with very low weight & high-performance motor. Thanks to these parameters it is suitable for unmanned drones, multirotor applications, firefighter drones, and ultralight gliders, where these factors are crucial. This combination is very popular in many types of electric bikes as well as in marine applications such as small electric boats etc.

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