



# 17 kW ELECTRIC PROPULSION SYSTEM

E-SURFBOARDS/JETBOARDS, HYDROFOILS

**17 kW**

max continuous power

**63 v**

max voltage

**15 Nm**

max torque

**50 000 RPM**

max revolution per minute

## CONTROLLER HBC25063-3 SPECIFICATIONS



max continuous power<sup>1</sup>

**15 kW**



voltage

**16-63 V**



max continuous current<sup>1</sup>

**250 A**



peak current

**400 A**



cooling<sup>1</sup>

**air/fluid**



monitoring

**complex data monitoring**



## MOTOR TORQSTAR3 SPECIFICATIONS



torque

**15 Nm**



diameter

**83 mm**



max power<sup>1</sup>

**24 kW**



voltage

**60-120 V**



rpm<sup>2</sup>

**18 000**



motor sensors

**sensored/ sensorless**



max continuous power<sup>1</sup>

**15 kW**



cooling

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

## MOTOR LMT30100 SPECIFICATIONS



torque

**3 Nm**



diameter

**60 mm**



max power<sup>1</sup>

**40 kW**



voltage

**60-120 V**



rpm<sup>2</sup>

**50 000**



motor sensors

**sensored/ sensorless**



max continuous power<sup>1</sup>

**17 kW**



cooling

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



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

<sup>1</sup>depends on voltage and rpm <sup>2</sup>rpm out of this range needs to be discussed with MGM COMPRO

TORQSTAR3/LMT30100 and HBC25063-3 is a great combination of HIGH-PERFORMANCE CONTROLLER and VERY LOW WEIGHT and POWERFUL motor. This propulsion system unit is used in SURFBOARDS, JETBOARDS, and hydrofoils with great success as well as in marine projects like small boats etc.

AIRBUS  
GROUP

XTI  
AIRCRAFT



Bell Helicopter



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