TEST REPORT

Report No. .....:	SHES230601247701
Date of issue.....:	2023-07-28
Product Name.....:	Motor
Product Model .....:	S75, S118, S148, S168
Applicant.....:	Banx Drive Technology (Suzhou) Co., Ltd
Address .....:	No.658, YuPan Road, WeiTang Town, Xiang Cheng District, 215134, China
Manufacturer.....:	Suzhou Banx Motor Technology Co., Ltd
Address .....:	No.658, YuPan Road, WeiTang Town, Xiang Cheng District, 215134, China
Testing Laboratory .....:	SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Address .....:	No. 588 West Jindu Road, Songjiang District, Shanghai, China
Sample Model .....:	S75* *Remark: All motor are the same construction except different size.
Number of Samples received .....:	1
Date of Samples Reception.....:	2023-7-13
Date Test Conducted.....:	2023-7-22
Test Requested.....:	Maximum power measurement — Measurement at the engine shaft
Test Standard .....:	Clause 4.2.14, EN 15194:2017
Test Method (standards) .....:	Clause 4.2.14, EN 15194:2017
Test Result.....:	Pass
CONCLUSION	The submitted sample complies with the test requirement.

Prepared and checked by:

Shilin Feng

Approved by:

Jerry Zheng

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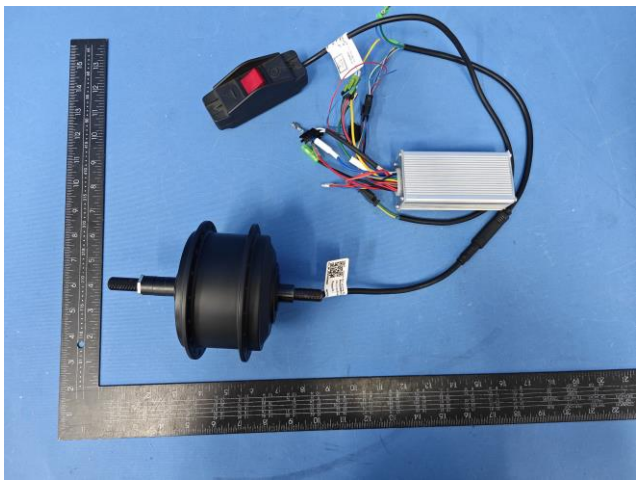
Test result

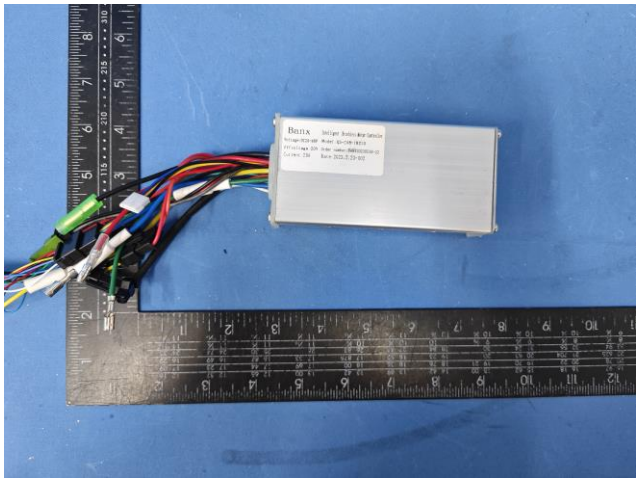
Test Property	Result – Remark	Verdict
Clause 4.2.14, EN 15194:2017	See observation	Pass

Clause	Requirement - Test	Result - Remark	Verdict
4.2.14	**Maximum power measurement — Measurement at the engine shaft**		
	The maximum continuous rated power shall be measured according to EN 60034-1 when the motor reaches its thermal equilibrium as specified by the manufacturer.	Test accordingly	P
	In circumstance where the power is measured directly at the shaft of the electronic motor, the result of the measurement shall be divided by 1,10 to consider the measurement uncertainty and then divided by 1,05 to include for example the transmission losses, unless the real values of these losses are determined.	Measured directly at the shaft of the electronic motor. Considered the measurement uncertainty and transmission losses, actual measure value is 207.3 W (36V, 7.0A), the correction value of max.power is 179.48W.	P

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Photos of the product:



---End of Report---

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