


Test Verification of Conformity

On the basis of the referenced test report(s), sample(s) of the below product have been found to comply with the harmonized standards and Directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product.

Once all product relevant  mark directives are verified in compliance, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to product identical to the test sample(s) if the product complies with all relevant CE mark Directives requirements.

Applicant Name & Address:	Hytronik Electronics Co.,Ltd. Block A6, Haosi Linpo Keng Ind. Park, Shajing Town, Bao'an District, Shenzhen, P.R.C.
Product Description:	a.c. supplied electronic controlgear for LED modules (Independent LED Driver with terminal blocks)
Ratings & Principle Characteristics:	See Annex to Test Verification of Conformity
Models:	HE2050-A; HE4030-A; HE5030-A; HE6030-A
Brand Name:	HYTRONIK
Relevant Standards/ Specifications/Directives:	EN 55015: 2006+A1: 2007+A2: 2009/ Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment EN 61000-3-2: 2006+ A1: 2009+ A2: 2009/ Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) EN 61000-3-3: 2008/ Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection EN 61547: 2009/ Equipment for general lighting purposes —EMC immunity requirements EMC Directive 2004/108/EC
Verification Issuing Office:	Same as Legal Entity
Date of Tests:	06 November 2013 to 05 December 2013
Test Report Number(s):	131106086GZU-001: 31 March 2014
Note 1: This verification is part of the full test report(s) and should be read in conjunction with them.	

Signature: _____

Name:

Strong Yao

Position:

Asst. Tech. Manager

Date:

31 March 2014

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Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Report Number(s): 131106086GZU-001. The issuing office is Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Address: Block E, No, 7-2 GuangDong Software Science Park, Caipin Road Guangzhou ScienceCity, GETDD Guangzhou).

Ratings and principal characteristics

methods Input: 220 – 240 V~; 50/60 Hz;

Class II; IP20; SELV; Independent; 110 °C thermal protection; Suitable for direct mounting on normally flammable surface;

HE2050-A: ta: -20 – 45 °C; tc: 75°C; Inherently short-circuit proof;
Input current: 270-242 mA; Output: Constant current type: 350-900 mA; 72-56 VDC; Max. 110 VDC; 25-50 W;

HE4030-A: ta: -20 – 45 °C; tc: 80°C; Fail-safe proof; Input current: 175-160 mA; Output: Constant voltage type: 12 VDC; Max. 2,5 A; 30 W;

HE5030-A: ta: -20 – 50 °C; tc: 75°C; Inherently short-circuit proof;
Input current: 164-150 mA; Output: Constant current type: 250-700 mA; 60-43 VDC; Max. 70 VDC; 15-30 W;

HE6030-A: ta: -20 – 45 °C; tc: 75°C; Fail-safe proof; Input current: 165-150 mA; Output: Constant voltage type: 24 VDC; Max. 1,25 A; 30 W

Note 1: This annex is part of the Test Verification of Conformity and should be read in conjunction with it.

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Signature

Name: Strong Yao

Position: Asst. Tech. Manager

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