


## 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 **CE** 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.

<b>Applicant Name &amp; Address:</b>	Hytronik Electronics Co.,Ltd. Block A6, Haosi Linpo Keng Ind. Park, Shajing Town, Bao'an district, Shenzhen, P.R.C.
<b>Product Description: Ratings &amp; Principle Characteristics:</b>	Electronic convertor for LED (LED drivers) Refer to Annex to Test Verification of Conformity
<b>Models:</b>	HE2028-T; HE5020-A
<b>Brand Name:</b>	HYTRONIK
<b>Relevant Standards/ Specifications/Directives:</b>	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
<b>Verification Issuing Office:</b>	Same as Legal Entity
<b>Date of Tests:</b>	09 September 2013 to 26 September 2013
<b>Test Report Number(s):</b>	130909039GZU-001: 25 November 2013
<b>Note 1: This verification is part of the full test report(s) and should be read in conjunction with them.</b>	

Signature: 

Name:

Strong Yao

Position:

Asst. Tech. Manager

Date:

25 November 2013

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## Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Report Number(s): 130909039GZU-001. The issuing office is Intertek Testing Services Shenzhen Ltd. Guangzhou Branch (Address: Block E, No, 7-2 Guang Dong Software Science Park, Caipin Road Guangzhou Science City, GETDD Guangzhou).

### Ratings and principal characteristics

Input: 220 – 240 V $\sim$ ; 50/60 Hz;  $\lambda > 0,9$ ; Class II; IP20; SELV; Built-in; Inherently short-circuit proof; for constant current type; Tc: 75 °C; Thermal protection: 110 °C;  
HE2028-T: Ta: -20 – 50 °C; rated input current: 0,13-0,15 A; constant output current: 350-700 mA; rated output voltage: 20-40 VDC; Max. 48 VDC; rated output power: 7-28 W;  
HE5020-A: Ta: -20 – 45 °C; rated input current: 0,100-0,125 A; constant output current: 250-700 mA; rated output voltage: 28,5-52 VDC; Max. 66 VDC; rated output power: 13-20 W;  
Suitable for direct mounting on normally flammable surfaces

**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

Date: 25 November 2013