Ref. Certif. No.

DK-83263-A1-UL

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Independent Non-SELV controlgear
Name and address of the applicant	Upowertek Co Ltd Room A105, #1213 Huoju South Road, Binjiang District Hangzhou, 310000 Zhejiang China
Name and address of the manufacturer	Upowertek Co Ltd Room A105, #1213 Huoju South Road, Binjiang District Hangzhou, 310000 Zhejiang China
Name and address of the factory Note: *When more than one factory, please report on page 2*	Hangzhou Youte Power Co Ltd Room 101 Building B,Zhongxing Building,No.1213, Huojunan Road,Binjiang District Hangzhou, 310000 ZHEJIANG China ☐ Additional Information on page 2
Ratings and principal characteristics	Input: 200-480 V~, 50/60 Hz; 280-680V dc Λ=0.9C, ta= 40°C, tc= 90 °C, IP67 Output: (see Test Report for further ratings) , ⎓ Non-SELV
Trademark / Brand (if any)	uPowerTek
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	TLD-400-Cbbb-xyS-wwwwww;("bbb" to be 093-360); TLD-360-Cbbb-xyS-wwwwww;("bbb" to be 084-330); TLD-320-Cbbb-xyS-wwwwww;("bbb" to be 074-290); TLD-280-Cbbb-xyS-wwwwww;("bbb" to be 065-250); See Page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include administrative modifications. ☒ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 61347-1:2007/AMD1:2010, IEC 61347-1:2007/AMD2:2012, IEC 61347-1:2007, IEC 61347-2-13:2014, IEC 62384:2006/AMD1:2009, IEC 62384:2006
As shown in the Test Report Ref. No. which forms part of this Certificate	4787603752.1-1 issued on 2019-11-15, 4787603752.2-1 issued on 2019-11-15

This CB Test Certificate is issued by the National Certification Body

☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
☒ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
☐ UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
☐ UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2019-11-18
Original Issue Date: 2019-05-28

Signature:

Jan-Erik Storgaard

Model Details:
TLD-400-Cbbb-xyS-wwwwww;("bbb" to be 093-360); TLD-360-Cbbb-xyS-wwwwww;("bbb" to be 084-330);
TLD-320-Cbbb-xyS-wwwwww;("bbb" to be 074-290); TLD-280-Cbbb-xyS-wwwwww;("bbb" to be 065-250);
TLD-240-Cbbb-xyS-wwwwww;("bbb" to be 058-220); TLD-200-Cbbb-xyS-wwwwww;("bbb" to be 047-180);
TLD-180-Cbbb-xyS-wwwwww;("bbb" to be 042-160); TLD-160-Cbbb-xyS-wwwwww;("bbb" to be 037-140);
TLD-400-Vbbb-xyS-wwwwww;("bbb" to be 108-430); TLD-360-Vbbb-xyS-wwwwww;("bbb" to be 108-430);
TLD-320-Vbbb-xyS-wwwwww;("bbb" to be 108-430); TLD-280-Vbbb-xyS-wwwwww;("bbb" to be 108-430);
TLD-240-Vbbb-xyS-wwwwww;("bbb" to be 108-430); TLD-200-Vbbb-xyS-wwwwww;("bbb" to be 108-430);
TLD-180-Vbbb-xyS-wwwwww;("bbb" to be 108-430); TLD-160-Vbbb-xyS-wwwwww;("bbb" to be 108-430);

When models followed by C, where the "bbb" represents the output current, when output current is less than 1 A, then $b_{(1)}b_{(2)}b_{(3)}$ represents $b_{(1)}.b_{(2)}b_{(3)}$ A, when output current is more than or equal to 1 A, then $b_{(1)}b_{(2)}b_{(3)}$ represents $b_{(1)}.\ b_{(2)}x\ 10^{b(3)}$ A , eg, 093 for 0.93 A output, 201 for 20 A output, and one combination can only represents one output current, for 16.7A, the "bbb" to be 171 as the nearly, and 171 cannot represent other output current.
When models followed by V, where the "bbb" represents the output voltage, eg, 018 for 18 V, 428 for 428 V output, and one combination can only represents one output voltage, for 12.5V, the "bbb" to be 012 as the nearly, and 012 cannot represent other output voltage.

Where the "x" represents the dimming type as below, all dimming method can control the output current from 10% to 100% of rating.

N	Non-dimmable
D	0-10V Dimming
E	0-10V/PWM/time dimming with 12V aux
T	Time Dimming
A	DALI Dimming
M	DMX Dimming

Where the "y" represents the programmability as below, all program method can control the output current from 10% to 100% of rating.

N	Non Programmable
R	NFC Programmable
C	Cable Programmable

Where the "-wwwwww": can be any alphanumeric or blank for marketing purpose only

Additional Information:
Additionally evaluated to EN 61347-2-13:2014, EN 61347-1: 2008/A1:2011/A2:2013 and EN 62384: 2006/ A1:2009.
National Differences specified in the CB Test Report.

The original report was modified to include the following changes/additions:
-Change factory name and address.

Additional information (if necessary)

☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
☒ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
☐ UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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