

CERTIFICATE OF COMPLIANCE

Certificate Number 20180417-E343741
Report Reference E343741-20180413
Issue Date 2018-APRIL-17

Issued to: ENERGY RECOVERY PRODUCTS (ZHUHAI) CO LTD
NANPING SCIENTIFIC TEC INDUSTRY PARK
NO 8 PINGDONG RD 2
ZHUHAI, GUANGDONG 519060 CHINA

**This is to certify that
representative samples of**

DRIVERS FOR LIGHT-EMITTING-DIODE ARRAYS,
MODULES AND CONTROLLERS

Refer to Addendum page for Models/Product

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:

Refer to Addendum page for Standard(s) for Safety

Additional Information:

See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Models/Product

USL, CNL- LED Driver - Model No. PSBPPW-XXXX-VV-YYYYY-ZZZZZ

- For suffix VV ≤ 42 , the Max power is 50.4W;
For $42 < \text{suffix VV} \leq 56$, the max power is 47.6W;
For $56 < \text{suffix VV} \leq 85$, the max power is 46.8W;

Where "PP"— If $P_{out} < 11W$, "PP"=10; if $11W \leq P_{out} \leq 15W$, "PP"=15; if $15W < P_{out} \leq 20W$, "PP"=20; if $20W < P_{out} \leq 30.6W$, "PP"=30; if $30.6W < P_{out} \leq 40W$, "PP"=40; if $40W < P_{out} \leq 50.4W$, "PP"=50.

"XXXX" - Denotes regulated output current. Regulated output current is not greater than max output regulated current within the output voltage range.

"VV" - Denotes maximum output voltage(in voltage) which is not greater than max output voltage range.

"YYYYY" - Denotes customer code for market purpose only. It could be blank, 2digits or 3 digits or 4 digits or 5 digits, any combination of alphanumeric characters or blank.

"ZZZZZ" - Denotes customer code for market purpose only. It could be blank, 2digits or 3 digits or 4 digits or 5 digits, any combination of alphanumeric characters or blank.

Standard(s) for safety

UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products
CAN/CSA C22.2 No. 250.13-14 - LED equipment for lighting applications
UL 2097 - REFERENCE STANDARD FOR DOUBLE INSULATION SYSTEMS FOR USE IN ELECTRONIC EQUIPMENT
CSA C22.2 NO. 0.1-M1985 - GENERAL REQUIREMENTS FOR DOUBLE-INSULATED EQUIPMENT



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