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中国 广东省 珠海市

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旭源电子（珠海）有限公司

JEFFREY QIU



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ENERGY RECOVERY PRODUCTS (ZHUHAI) CO L
NANPING SCIENTIFIC TEC INDUSTRY PARK
NO 8 PINGDONG RD 2
ZHUHAI
GUANGDONG 519060 CHINA

Date: 2016/11/18
Subscriber: 100406148
PartySite: 108290
File No: E472619
Project No: 4787672042
PD No: 16M50114
Type: R
PO Number:

Subject: **Procedure And/Or Report Material**

The following material resulting from the investigation under the above numbers is enclosed.

Issue

<u>Date</u>	<u>Vol</u>	<u>Sec</u>	<u>Pages</u>	<u>Revised Date</u>
	1		Revised Index Page(s) 1	2016/11/15
2015/08/21	1	1	Cert of Compliance	
2015/08/21	1	1	New Description Page(s) 1A	2016/11/15
2015/08/21	1	1	Revised Description Page(s) 1	2016/11/15

PO Number: UL quote#1101260821 (Accept: 3 November 2016).

Inspections at your plant will be conducted under the supervision of Jian Li, 1701,17/F, West Tower,66 Hua cheng da dao, Zhu jiang Xin Cheng,Guangzhou, 510623, China PHONE: +86-20-38872860; FAX: 86-20-3887-2863, EMAIL: ulic316@cccicgd.com <mailto:ulic316@cccicgd.com>

Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

Please review this material and report any inaccuracies to UL's Customer Service Professionals. Contact information for all of UL's global offices can be found at <http://ul.com/aboutul/locations>.

If you'd like to receive updated materials FASTER, UL offers electronic access and/or delivery of this material. For more details, contact UL's Customer Service Professionals as shown above.

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SCL File

UL INSPECTION CENTER 316

INDEX

Model	USL	CNL	Section	Report Date
*Listed LED Driver Model: DI-12V-SE40W or VSWXX-12-YY, VSW40U-12-ERP-WWWWW-YYYYY , DI-12V-SE60W or VSWXX-12-YY, VSW60U-12-ERP-WWWWW-YYYYY , DI-24V-SE60W or VSWXX-24-YY , VSW60U-24-ERP-WWWWW-YYYYY , DI-24V-SE100W or VSWXX-24-YY , VSW100U-24-ERP-WWWWW-YYYYY When "W" and "Y" can be any number or letter or blank.	X	X	1	2015-08-21

DESCRIPTION

PRODUCT COVERED:

USL, CNL- Listed, Low Voltage LED Power unit with Class 2 Output, see electrical ratings table for models.

ELECTRICAL RATINGS:

Model No.	Input			Output		
	Voltage [X] Vac [] Vdc	Frequency (Hz)	[] Current (A) [] Power (W)	Voltage [] Vac [X] Vdc	Frequency (Hz)	[X] Current (A) [X] Power (W)
DI-12V- SE40W or VSWXX-12- YY, VSW40U- 12-ERP- WWWWW-YYYYY	120	60	1.0	12	60	4.9 A, 40 W
DI-12V- SE60W or VSWXX-12- YY, VSW60U- 12-ERP- WWWWW-YYYYY	120	60	1.0	12	60	4.9 A, 60 W
DI-24V- SE60W or VSWXX-24- YY, VSW60U- 24-ERP- WWWWW-YYYYY	120	60	1.0	24	60	2.5 A, 60 W
DI-24V- SE100W or VSWXX-24- YY, VSW100U-24- ERP-WWWWW- YYYYY	120	60	1.0	24	60	4.2 A, 100 W

When "W" and "Y" can be any number or letter or blank

*

Model Nomenclature

VSWXX-12-YY

Where XX is less than 60 watts and YY designates the minimum and Maximum voltage on the slider with the Maximum voltage limited to 12 and maximum current limited to 4.9A

VSWXX-24-YY

Where XX is less than 60 watts and YY designates the minimum and Maximum voltage on the slider with the Maximum voltage limited to 24 and maximum current limited to 4.9A

Model Difference:

Model VSW40U-12-ERP-WWWWW-YYYYY is identical to Model DI-12V-SE40W or VSWXX-12-YY except for the model designation.

Model VSW60U-12-ERP-WWWWW-YYYYY is identical to Model DI-12V-SE60W or VSWXX-12-YY except for the model designation.

Model VSW60U-24-ERP-WWWWW-YYYYY is identical to Model DI-24V-SE60W or VSWXX-24-YY except for the model designation.

Model VSW100U-24-ERP-WWWWW-YYYYY is identical to Model DI-24V-SE100W or VSWXX-24-YY except for the model designation.

CERTIFICATE OF COMPLIANCE

Certificate Number 20161118-E472619
Report Reference E472619-20150821
Issue Date 2016-NOVEMBER-18

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** LOW-VOLTAGE LIGHTING SYSTEMS, POWER UNITS,
LUMINAIRES AND FITTINGS
See Addendum Page


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

Standard(s) for Safety: UL 2108, Low Voltage Lighting Systems.
UL 1598 / CSA 250.0-08, Luminaires.
UL 8750, Light Emitting Diode (LED) Equipment for Use in
Lighting Products.
CSA 250.13-12, Light Emitting Diode (LED) Equipment for
Lighting Applications.

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

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20161118-E472619
Report Reference E472619-20150821
Issue Date 2016-NOVEMBER-18

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

Low Voltage LED Power unit with Class 2 Output:

DI-12V-SE40W or VSWXX-12-YY, VSW40U-12-ERP-WWWWWW-YYYYY,
DI-12V-SE60W or VSWXX-12-YY, VSW60U-12-ERP-WWWWWW-YYYYY
DI-24V-SE60W or VSWXX-24-YY, VSW60U-24-ERP-WWWWWW-YYYYY
DI-24V-SE100W or VSWXX-24-YY, VSW100U-24-ERP-WWWWWW-YYYYY

When "W" and "Y" can be any number or letter or blank



Bruce Mahrenholz, Director North American Certification Program

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DESCRIPTION

PRODUCT COVERED:

USL, CNL- Listed, Low Voltage LED Power unit with Class 2 Output, see electrical ratings table for models.

ELECTRICAL RATINGS:

Model No.	Input			Output		
	Voltage [X] Vac [] Vdc	Frequency (Hz)	[] Current (A) [] Power (W)	Voltage [] Vac [X] Vdc	Frequency (Hz)	[X] Current (A) [X] Power (W)
DI-12V- SE40W or VSWXX-12- YY, VSW40U- 12-ERP- WWWWW-YYYYY	120	60	1.0	12	60	4.9 A, 40 W
DI-12V- SE60W or VSWXX-12- YY, VSW60U- 12-ERP- WWWWW-YYYYY	120	60	1.0	12	60	4.9 A, 60 W
DI-24V- SE60W or VSWXX-24- YY, VSW60U- 24-ERP- WWWWW-YYYYY	120	60	1.0	24	60	2.5 A, 60 W
DI-24V- SE100W or VSWXX-24- YY, VSW100U-24- ERP-WWWWW- YYYYY	120	60	1.0	24	60	4.2 A, 100 W

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VSWXX-24-YY

Where XX is less than 60 watts and YY designates the minimum and Maximum voltage on the slider with the Maximum voltage limited to 24 and maximum current limited to 4.9A

Model Difference:

Model VSW40U-12-ERP-WWWWW-YYYYY is identical to Model DI-12V-SE40W or VSWXX-12-YY except for the model designation.

Model VSW60U-12-ERP-WWWWW-YYYYY is identical to Model DI-12V-SE60W or VSWXX-12-YY except for the model designation.

Model VSW60U-24-ERP-WWWWW-YYYYY is identical to Model DI-24V-SE60W or VSWXX-24-YY except for the model designation.

Model VSW100U-24-ERP-WWWWW-YYYYY is identical to Model DI-24V-SE100W or VSWXX-24-YY except for the model designation.