

Certificate of Compliance

Certificate Number:

UL-US-2554434-2

Report Reference:

E343741-20250124

Issue Date:

2025-05-29

Issued to:

**ENERGY RECOVERY PRODUCTS (ZHUHAI) CO LTD
NANPING SCIENTIFIC TEC INDUSTRY PARK
NO 8 PINGDONG RD 2 ZHUHAI, Guangdong 519060
China**

This certificate confirms that representative samples of:

FKSZ - Light-emitting-diode Drivers

See Addendum Page for Product Designation(s).

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

UL 8750, Edition 2, Issue Date 2015-09-15, Revision Date 2024-08-01

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2554434-2
Report reference E343741-20250124
Date 2025-05-29

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

LED Drivers

Model(s): PLS-A85W-23-55-TXZ Output Power = Output voltage x Output current $\leq 85W$.

"PLS" represent Series name = PLS.

"AEEW" Represents maximum output power of driver, "EE"= 85 if $65 W < \text{max. output Power} \leq 85 W$.

"GG" Represents maximum output current of driver, "GG" any 2 digits number. The current range defined for each segment denoted by "GG" (eg. 0.1A-0.7A for 07). "current setting" which can be any value within this defined range.
"23" not more than 2300 (mA).

"HH" Represents maximum output voltage of driver, "HH" = any 2 digits number between 10 and 55 (Vdc).

"I" can be "TX" for Terminal Block, non isolated 0-10V dimming, Aux output.

"J" can be "Z" represents with 0-10V dimming.

"YYYYYY" Represents customer code for market purpose only, "YYYYYY". May be 0 to 6 digits, any combination of alphanumeric characters or blank.

Model(s): PLS-A85W-23-55-TZ Output Power = Output voltage x Output current $\leq 85W$.

"PLS" represent Series name = PLS.

"AEEW" Represents maximum output power of driver, "EE"= 85 if $65 W < \text{max. output Power} \leq 85 W$.

"GG" Represents maximum output current of driver, "GG" any 2 digits number. The current range defined for each segment denoted by "GG" (eg. 0.1A-0.7A for 07). "current setting" which can be any value within this defined range.
"23" not more than 2300 (mA).

"HH" Represents maximum output voltage of driver, "HH" = any 2 digits number between 10 and 55 (Vdc).

"I" can be "TX" for Terminal Block, non-isolated 0-10V dimming.

"J" can be "Z" represents with 0-10V dimming.

"YYYYYY" Represents customer code for market purpose only, "YYYYYY". May be 0 to 6 digits, any combination of alphanumeric characters or blank.

Model(s): PLS-A20W-07-55-TPZ, PLS-A30W-10-55-TPZ, PLS-A50W-14-55-TPZ, PLS-A65W-18-55-TPZ Series name = PLS.

"TP" for Terminal Block, isolated 0-10V dimming.

"Z" represents with 0-10V dimming.

Represents customer code for market purpose only, "YYYYYY", may be 0 to 6 digits, any combination of alphanumeric characters or blank.

Model(s): PLS-A20W-07-55-TXZ, PLS-A30W-10-55-TXZ, PLS-A50W-14-55-TXZ, PLS-A65W-18-55-TXZ Series name = PLS.

"TX" for Terminal Block, non isolated 0-10V dimming, Aux output.

"Z" represents with 0-10V dimming.

Represents customer code for market purpose only, "YYYYYY", may be 0 to 6 digits, any combination of alphanumeric characters or blank.

Model(s): PLS-A20W-07-55-TZ, PLS-A30W-10-55-TZ, PLS-A50W-14-55-TZ, PLS-A65W-18-55-TZ Series name = PLS.

"T" for Terminal Block, non isolated 0-10V dimming.

"Z" represents with 0-10V dimming.



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2554434-2
Report reference E343741-20250124
Date 2025-05-29

Represents customer code for market purpose only, "YYYYYY", may be 0 to 6 digits, any combination of alphanumeric characters or blank.



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

Certificate of Compliance

Certificate Number:

UL-CA-2540903-2

Report Reference:

E343741-20250124

Issue Date:

2025-05-29

Issued to:

**ENERGY RECOVERY PRODUCTS (ZHUHAI) CO LTD
NANPING SCIENTIFIC TEC INDUSTRY PARK
NO 8 PINGDONG RD 2 ZHUHAI, Guangdong 519060
China**

This certificate confirms that representative samples of:

FKSZ7 - Light-emitting-diode Drivers Certified for Canada

See Addendum Page for Product Designation(s).

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

CSA C22.2 No. 250.13, Edition 5, Issue Date 2022-05

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



A handwritten signature in black ink, appearing to read 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2540903-2
Report reference E343741-20250124
Date 2025-05-29

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

LED Drivers

Model(s): PLS-A85W-23-55-TXZ Output Power = Output voltage x Output current $\leq 85W$.

"PLS" represent Series name = PLS.

"AEEW" Represents maximum output power of driver, "EE" = 85 if $65 W < \text{max. output Power} \leq 85 W$.

"GG" Represents maximum output current of driver, "GG" any 2 digits number. The current range defined for each segment denoted by "GG" (eg. 0.1A-0.7A for 07). "current setting" which can be any value within this defined range.

"23" not more than 2300 (mA).

"HH" Represents maximum output voltage of driver, "HH" = any 2 digits number between 10 and 55 (Vdc).

"I" can be "TX" for Terminal Block, non isolated 0-10V dimming, Aux output.

"J" can be "Z" represents with 0-10V dimming.

"YYYYYY" Represents customer code for market purpose only, "YYYYYY". May be 0 to 6 digits, any combination of alphanumeric characters or blank.

Model(s): PLS-A85W-23-55-TZ Output Power = Output voltage x Output current $\leq 85W$.

"PLS" represent Series name = PLS.

"AEEW" Represents maximum output power of driver, "EE" = 85 if $65 W < \text{max. output Power} \leq 85 W$.

"GG" Represents maximum output current of driver, "GG" any 2 digits number. The current range defined for each segment denoted by "GG" (eg. 0.1A-0.7A for 07). "current setting" which can be any value within this defined range.

"23" not more than 2300 (mA).

"HH" Represents maximum output voltage of driver, "HH" = any 2 digits number between 10 and 55 (Vdc).

"I" can be "TX" for Terminal Block, non-isolated 0-10V dimming.

"J" can be "Z" represents with 0-10V dimming.

"YYYYYY" Represents customer code for market purpose only, "YYYYYY". May be 0 to 6 digits, any combination of alphanumeric characters or blank.

Model(s): PLS-A20W-07-55-TPZ, PLS-A30W-10-55-TPZ, PLS-A50W-14-55-TPZ, PLS-A65W-18-55-TPZ Series name = PLS.

"TP" for Terminal Block, isolated 0-10V dimming.

"Z" represents with 0-10V dimming.

Represents customer code for market purpose only, "YYYYYY", may be 0 to 6 digits, any combination of alphanumeric characters or blank.

Model(s): PLS-A20W-07-55-TXZ, PLS-A30W-10-55-TXZ, PLS-A50W-14-55-TXZ, PLS-A65W-18-55-TXZ Series name = PLS.

"TX" for Terminal Block, non isolated 0-10V dimming, Aux output.

"Z" represents with 0-10V dimming.

Represents customer code for market purpose only, "YYYYYY", may be 0 to 6 digits, any combination of alphanumeric characters or blank.

Model(s): PLS-A20W-07-55-TZ, PLS-A30W-10-55-TZ, PLS-A50W-14-55-TZ, PLS-A65W-18-55-TZ Series name = PLS.

"T" for Terminal Block, non isolated 0-10V dimming.

"Z" represents with 0-10V dimming.



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2540903-2
Report reference E343741-20250124
Date 2025-05-29

Represents customer code for market purpose only, "YYYYYY", may be 0 to 6 digits, any combination of alphanumeric characters or blank.



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.