Certificate Number Report Reference Date <sup>LL</sup>UL-US-2215188-0<sup>JJ</sup> <sup>LL</sup>E235235-20220426<sup>JJ</sup> 2-May-2022

Issued to: MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD. No.8, Nanyun Road 4, Huangpu District GUANGZHOU, GUANGDONG 510670 China

This is to certify that representative samples of

QQJQ2 - Power Supplies for Use with Audio/Video, Information and Communication Technology Equipment -Component

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety:	UL 62368-1, 3rd Ed., Issue Date: 2019-12-13
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

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

Look for the UL Recognized Component Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Certificate Number Report Reference Date <sup>LL</sup>UL-US-2215188-0<sup>JJ</sup> <sup>LL</sup>E235235-20220426<sup>JJ</sup> 2-May-2022

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

Model	Category Description
K78Lxx-1000R3*, "xx" = 03, 05, X6, 09, 12 or 15, means different rated output voltage. "*" = blank or "-xy", among them: the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.	DC-DC Converter
K78Lxx-1000R3-OEM, "xx" = 03, 05, X6, 09, 12 or 15, means different rated output voltage. "*" = blank or "-xy", among them: the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.	DC-DC Converter
K78xx-1000R3*, "xx" = 03, 05, X6, 09, 12 or 15, means different rated output voltage. "*" = blank or "-xy", among them: the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.	DC-DC Converter
K78xx-1000R3L*, "xx" = 03, 05, X6, 09, 12 or 15, means different rated output voltage. "*" = blank or "-xy", among them: the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.	DC-DC Converter

Bamely



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Certificate Number Report Reference Date <sup>LL</sup>UL-CA-2214509-0<sup>JJ</sup> <sup>LL</sup>E235235-20220426<sup>JJ</sup> 2-May-2022

Issued to: MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD. No.8, Nanyun Road 4, Huangpu District GUANGZHOU, GUANGDONG 510670 China

This is to certify that representative samples of

QQJQ8 - Power Supplies for Use with Audio/Video, Information and Communication Technology Equipment Certified for Canada - Component

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety:CSA C22.2 NO. 62368-1, 3rd Ed., Issue Date: 2019-12-13Additional Information:See the UL Online Certifications Directory at<br/><a href="https://iq.ulprospector.com">https://iq.ulprospector.com</a> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

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

Look for the UL Recognized Component Mark on the product.

Bamples

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Certificate Number Report Reference Date <sup>LL</sup>UL-CA-2214509-0<sup>JJ</sup> <sup>LL</sup>E235235-20220426<sup>JJ</sup> 2-May-2022

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

Model	Category Description
K78Lxx-1000R3*, "xx" = 03, 05, X6, 09, 12 or 15, means different rated output voltage. "*" = blank or "-xy", among them: the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.	DC-DC Converter
K78Lxx-1000R3-OEM, "xx" = 03, 05, X6, 09, 12 or 15, means different rated output voltage. "*" = blank or "-xy", among them: the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.	DC-DC Converter
K78xx-1000R3*, "xx" = 03, 05, X6, 09, 12 or 15, means different rated output voltage. "*" = blank or "-xy", among them: the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.	DC-DC Converter
K78xx-1000R3L*, "xx" = 03, 05, X6, 09, 12 or 15, means different rated output voltage. "*" = blank or "-xy", among them: the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to security.	DC-DC Converter

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