

# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-2133938-2  
**Report Reference** E496569-20210706  
**Date** 18-Aug-2022

**Issued to:** Flex Electronics (Shanghai) Co Ltd  
33 Fuhua Road, Jiading District Shanghai 201818  
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 evaluated 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, 2nd Ed., Issue Date: 2014-12-01

**Additional Information:** See the UL Online Certifications Directory 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 Recognized Component 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 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

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



# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-2133938-2  
**Report Reference** E496569-20210706  
**Date** 18-Aug-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
BMR450X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR451X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR461X1X2X3X4/X5X6X7 (b)	Power Supplies for AV, ITE, and AVICT Equipment
BMR462X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR463X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR464X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR465X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR466X1X2X3X4/X5X6X7 (b)	Power Supplies for AV, ITE, and AVICT Equipment
BMR467X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR473X1X2X3X4/X5X6X7, X1 can be a number "0-9", defines the Mechanical option 1 means Laydown version 2 means Single In line Product (SIP) 0,3-9 TBD X2 can be a number "0-9", defines the Mechanical pin option 0 means Pin length 4.57mm(standard) 1 means Pin length 3.69mm 2 means Pin length 5.33mm 3-9 TBD X3X4 is used as sequence number for additional variants, can be a number between 0 and 99 01 means 6~15Vin, 0.6~5Vout, max 40A 02-99 TBD X5X6X7 is used as sequence number of CDA files which is SW unique. It can be a number "001-999". Both general numbers specified in the datasheet and customer unique numbers exists.	DC/DC Converter



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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



# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-2128274-2  
**Report Reference** E496569-20210706  
**Date** 18-Aug-2022

**Issued to:** Flex Electronics (Shanghai) Co Ltd  
33 Fuhua Road, Jiading District Shanghai 201818  
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 evaluated 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.

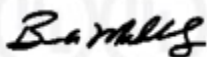
**Standard(s) for Safety:** CSA C22.2 NO. 62368-1-14, 2nd Ed., Issue Date: 2014-12-01

**Additional Information:** See the UL Online Certifications Directory 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 Recognized Component 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 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

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



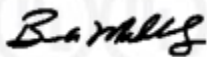


# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-2128274-2  
**Report Reference** E496569-20210706  
**Date** 18-Aug-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
BMR450X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR451X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR461X1X2X3X4/X5X6X7 (b)	Power Supplies for AV, ITE, and AVICT Equipment
BMR462X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR463X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR464X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR465X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR466X1X2X3X4/X5X6X7 (b)	Power Supplies for AV, ITE, and AVICT Equipment
BMR467X1X2X3X4/X5X6X7 (a)	Power Supplies for AV, ITE, and AVICT Equipment
BMR473X1X2X3X4/X5X6X7, X1 can be a number "0-9", defines the Mechanical option 1 means Laydown version 2 means Single In line Product (SIP) 0,3-9 TBD X2 can be a number "0-9", defines the Mechanical pin option 0 means Pin length 4.57mm(standard) 1 means Pin length 3.69mm 2 means Pin length 5.33mm 3-9 TBD X3X4 is used as sequence number for additional variants, can be a number between 0 and 99 01 means 6~15Vin, 0.6~5Vout, max 40A 02-99 TBD X5X6X7 is used as sequence number of CDA files which is SW unique. It can be a number "001-999". Both general numbers specified in the datasheet and customer unique numbers exists.	DC/DC Converter



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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

