



Ref. Certif. No.

**DK-149287-UL**

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME**

**CB TEST CERTIFICATE**

Product	DC-DC Converter
Name and address of the applicant	Flex Electronics (Shanghai) Co Ltd 33 Fuhua Road, Jiading District Shanghai, Shanghai, 201818 China
Name and address of the manufacturer	Flex Electronics (Shanghai) Co Ltd 33 Fuhua Road, Jiading District Shanghai, Shanghai, 201818 China
Name and address of the factory	FLEXTRONICS TECHNOLOGY(PENANG)SDN BHD Blok A1, No.2466, Tingkat Perusahaan 4a Kawasan Perusahaan Perai Perai, Pulau Pinang 13600 Malaysia <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	(optional) Model BMR313X1X2X3X4/X5X6X7: Input: 38-60Vdc, 22A, Output: 9.5-15Vdc, 0-81A Model BMR314X1X2X3X4/X5X6X7: Input: 38-60Vdc, 19A, Output: 9.5-15Vdc, 0-70A
Trademark / Brand (if any)	Flex 
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	BMR313X1X2X3X4/X5X6X7, BMR314X1X2X3X4/X5X6X7 <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Additional information (if necessary may also be reported on page 2)	<b>Additionally evaluated to:</b> EN 62368-1:2014, EN 62368-1:2014/A11:2017 National Differences: EU Group Differences, CA, US <input type="checkbox"/> <a href="#">Additional Information on page 2</a>
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	E496569-A6050-CB-1 issued on 2024-01-07

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2024-01-09

Signature: Thomas Wilson



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**Factory(ies):**

Flex Electronics (Shanghai) Co Ltd  
33 Fuhua Road, Jiading District Shanghai, Shanghai, 201818  
China

**Additional Model Detail(s):**

BMR313X1X2X3X4/X5X6X7,  
X1 defines the Mechanical pin option  
X1=0: Open frame, LGA  
X1=1: Base plate, LGA  
X1=2-9: TBD  
X2X3 is used as sequence number for additional variants  
X2X3=00: Not used  
X2X3=01: Vin 38-60 V, Vout 9.5-15 V (4:1 ratio), 1000 W continuously, 3000 W peak  
X2X3=02-99: TBD  
X4 defines the functionality option  
X4=0: TBD  
X4=1: Stacked module  
X4=2-9: TBD  
X5X6X7 is used as sequence number for CDA files  
X5X6X7 can be a number between 001 and 999  
Both general numbers specified in the datasheet and customer unique numbers exist. All CDA sequence number are SW unique.  
The CDA sequence numbers are listed in 15241-CDA 102 0663. Model number is CDA 102 0663/ X5X6X7.

BMR314X1X2X3X4/X5X6X7,  
X1=0: Open frame, LGA  
X1=1: Base plate, LGA  
X1=2-9: TBD  
X2X3 is used as sequence number for additional variants  
X2X3=00: Not used  
X2X3=01: Vin 38-60 V, Vout 9.5-15 V (4:1 ratio), 800 W continuously, 1500 W peak  
X2X3=02-99: TBD  
X4 defines the functionality option  
X4=0: TBD  
X4=1: Stacked module  
X4=2-9: TBD  
X5X6X7 is used as sequence number for CDA files  
X5X6X7 can be a number between 001 and 999  
Both general numbers specified in the datasheet and customer unique numbers exist. All CDA sequence number are SW unique.  
The CDA sequence numbers are listed in 15241-CDA 102 0664. Model number is CDA 102 0664/ X5X6X7.

**Additional information (if necessary)**



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