UL-EU CERTIFICATE

Certificate No.	UL-EU-02629
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Date of Issue	2025-03-27
Certificate Holder	FLEX ELECTRONICS (SHANGHAI) CO LTD 33 FUHUA ROAD,JIADING DISTRICT SHANGHAI 201818 CHINA
Production site	FLEX ELECTRONICS (SHANGHAI) CO LTD 33 FUHUA ROAD,JIADING DISTRICT SHANGHAI 201818 CHINA
	See Page 2 for additional information
Certified Product	DC-DC Converter
Model	BMR350X1X2X3X4/X5X6X7, BMR351X1X2X3X4/X5X6X7 See page 2 and 3 for additional Information
Trademark	flex
Ratings	(optional) 1. Input: 40-60Vdc, 35A, Output: 8-13.2Vdc, 0-108A, Max.1300W 2. Input: 40-60Vdc, 50A, Output: 8-13.2Vdc, 0-136A, Max.1600W IPX0
Tested acc. to	EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020
Test Report No.	E496569-A6045-CB-2 issued on 2025-03-27
Additional	This Certificate replaces certificate no.: UL-EU-02422 issued on: 2023-09-06
Expire date	2027-02-15

Certification Manager
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Appendix UL-EU CERTIFICATE

Factories:
FLEXTRONICS TECHNOLOGY(PENANG)SDN BHD
BLOK A1, NO.2466, TINGKAT PERUSAHAAN 4A
KAWASAN PERUSAHAAN PERAI PERAI, Pulau Pinang 13600
MALAYSIA

Additional Model(s):
Series: BMR350X1X2X3X4/X5X6X7, X1 defines the Mechanical pin option
X1=0: TH - Standard Pin length 5,33 mm
X1=1: SMD
X1=2: LA = lead length 3.69 mm
X1=3: LB = lead length 4.57 mm
X1=4: LC = lead length 2.79 mm
X1=5: lead length 6.5 mm
X1=6-9: TBD
X2 defines the Mechanical option
X2=0: Standard open frame
X2=1: Base plate 12+/- 0.5mm Open Deck
X2=2: Base plate 12+/- 0.5mm Open Deck with Bottom side Heat spreader
X2=3: Base plate 13.3+/- 0.5mm Flat
X2=4: Base plate 13.4+/- 0.4mm Closed Deck, PEM insert and Bottom side Heat spreader (intended for BMR 490 replacement)
X2=5: Base plate 12+/- 0.5mm Open Deck with Bottom side Heat spreader, coated inductor
X2=6-9: TBD
X3X4 is used as sequence number for additional variants:
X3X4 can be a number between 0 and 99.
X3=0 3:1 860W
X3=1 3:1 700W
X3=2 3:1 600W
X3=5 3:1 1300W
X3X4=00: Vout 12.24V, 40-60Vin 860W 7 pin digital interface with PG and active current share
X3X4=01: Vout 12.12V, 40-60Vin 860W 7 pin digital interface with sense function
X3X4=02: Vout 12.12V, 40-60Vin 860W 7 pin digital interface with Address0 on pin 13
X3X4=03-19: TBD
X3X4=20: Vout 12.12V, 40-60Vin 600W 7 pin digital interface with sense function
X3X4=21-49: TBD
X3X4=50: Vout 12.12 V, 40-60Vin 1300W 7 pin digital interface with PG and active current share,
X3X4=51: Vout 12.12 V, 40-60Vin 1300W 4 pin digital interface
X3X4=52: Vout 12 V, 40-60Vin 1300W 4 pin digital interface
X3X4=53: Vout 12 V, 40-60Vin 1300W 7pin digital interface, with Sense function+ DLS current share
X3X4=,54-99: TBD
X5X6X7 is used as sequence number for CDA files:
Model number is CDA102 0350/ X5, X6, X7
X5, X6, X7 can be a number between 000 and 999. Both general numbers specified in the datasheet and customer unique numbers exists. All CDA sequence number are SW unique.
NOTE: Standard CDA should be used start from /001, Customized CDA should be used start from /800.

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Additional Model(s):
BMR351X1X2X3X4/X5X6X7, X1 defines the Mechanical pin option
X1=0: TH - Standard Pin length 5,33 mm
X1=1: SMD
X1=2: LA = lead length 3.69 mm
X1=3: LB = lead length 4.57 mm
X1=4: LC = lead length 2.79 mm
X1=5: lead length 6.5 mm
X1=6-9: TBD
X2 defines the Mechanical option
X2=0: Standard open frame
X2=1: Base plate 14+/- 0.4mm Open Deck with Bottom side Heat spreader
X2=2: Base plate 14.7+/- 0.4mm Closed Deck with Bottom side Heat spreader
X2=3-9: TBD
X3X4 is used as sequence number for additional variants:
X3X4 can be a number between 0 and 99.
X3=0 3:1 1600W
X3X4=00: Vout 12.00V, 40-60Vin) 1600W 7 pin digital interface with PG and dual address
X3X4=01: Vout 12.00V, 40-60Vin) 1600W 7 pin digital interface with PG and active current share
X3X4=02: Vout 12.20V, 40-60Vin 1600W 7 pin digital interface with PG and SENSE
X3X4=03-07: TBD
X3X4=08: Vout 12.00V, 40-60Vin 1600W 4 pin digital interface
X3X4=09: Vout 12.00V, 40-60Vin) 1600W Without digital interface
X3X4=10-99: TBD
X5X6X7 is used as sequence number for CDA files:
Model number is CDA102 0351/ X5, X6, X7
X5, X6, X7 can be a number between 000 and 999. Both general numbers specified in the datasheet and customer unique numbers exists. All CDA sequence number are SW unique.
NOTE: Standard CDA should be used start from /001, Active current share CDA should contain /X3X.

Appendix UL-EU CERTIFICATE

Certification Mark UL-EU Mark

The UL-EU Mark, as displayed below, shall appear on certified products only. Minimum size is not specified, as long as the Mark is legible. The following is suggested.

The minimum height of the registered trademark symbol ® shall be 1 mm. When the overall diameter of the UL-EU Mark is less than 9.5 mm, the trademark symbol may be omitted if it is not legible to the naked eye.

The UL-EU Mark may appear on a label, nameplate, or may be cast, stamped or molded into the product. When appearing on a label or nameplate, the Manufacturer's name or trademark along with a model number are also required on that same label or nameplate. If cast, stamped or molded, the Certificate Manufacturer's name or trademark and model number shall also appear elsewhere on the product.

All content shall be in accordance with the details provided on this UL-EU Certificate.

PROCUREMENT

The Production site may reproduce the Mark or obtain it from a UL authorized supplier. The list of UL authorized suppliers can be found on UL's online directory at www.ul.com

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Alternate certification Mark for cables

As an alternative to the UL-EU Mark specified above the alternate UL-EU Mark, displayed below, can appear on certified cables only. Minimum size is not specified, as long as the mark is legible. The following is suggested:

(UL)-EU

The alternate UL-EU Mark may be cast, stamped or molded into the cable and continue throughout the length of the cable as specified in the applicable cable standard.

All content shall be in accordance with the details provided on this UL-EU Certificate.