

Prepared (Subject resp) jidgjian Grace Jiang		No. FPM-ext-2021:44	
Approved (Document resp) jiddxia David Xie	Checked David Xie	Date 2021-08-26	Rev B

For Your Information

Receiver

Sales and FAE world-wide

All of customers

Product Discontinuation Notice - BMR450 and BMR451

DC/DC converter technology and components continuously evolves, offering smaller and more cost-efficient products with better performance to renew old product portfolio.

Flex Power Modules has therefore taken the decision to discontinue the following BMR450 series and BMR451 series.

BMR450*

Input: 4.5 – 14 V

Output: 0.6 – 5.5 V/ 20 A

BMR451*

Input: 4.5 – 14 V

Output: 0.6 – 3.6 V/ 40 A

* Including all variants and options.



Figure 1 BMR450 product
Size: 25.65 x 12.9 x 8.2 mm (1.01 x 0.51 x 0.323 in.)

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Figure 2 BMR451 product
Size: 30.85 x 20 x 8.2 mm (1.215 x 0.787 x 0.323 in.)

For more information about BMR450 series, please see:

<https://flexpowermodules.com/resources/fpm-techspec-bmr450-digital-pol-regulators-20a>

For more information about BMR451 series, please see:

<https://flexpowermodules.com/resources/fpm-techspec-bmr451-digital-pol-regulators-40a>

The last date for placing orders will be 2021-12-01 and the last date for delivery will be **2022-12-01**.

Please read the respective Technical Specifications and consult with local Field Application Engineer for assistance when introducing the new products.

BMR450 and BMR451 series potential replacement cross reference table

Discontinued products	Vin (V)	Vout (V)	Iout (A)	Size (mm)	Replacement	Vin (V)	Vout (V)	Iout (A)	Size (mm)
BMR450	4.5-14	0.6-5.5	20	25.65x12.9x8.2	BMR463XX08/001	4.5-14	0.6-3.3	25	Laydown: 26.56x13.8x8.2 SIP: 26.3x7.6x15.6
					BMR4696001/001	7.5-14	0.6-5	25/25A for dual, 50 A for single	25.4x14.5x5.8
BMR451	4.5-14	0.6-3.6	40	30.85x20x8.2	BMR464XX08/001	4.5-14	0.6-3.3	50	Laydown: 30.85x20x8.2 SIP: 33x7.6x18.1
					BMR4690000/001	7.5-14	0.6-5	40/40A for dual, 80A for single	25.4x12.7x11.6
					BMR4696001/001	7.5-14	0.6-5	25/25A for dual, 50A for single	25.4x14.5x5.8

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The optimal replacement product is depending on the actual application and its specific requirements. For more information about the recommended replacement products, see:

BMR464 series products:

<https://flexpowermodules.com/resources/fpm-techspec-bmr464>

BMR4690000 series products:

<https://flexpowermodules.com/resources/fpm-techspec-bmr4690000>

BMR4696001 series products:

<https://flexpowermodules.com/resources/fpm-techspec-bmr4696001>

If you have any questions, please do not hesitate to contact the undersigned.

Best regards,

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