

Product Brief

Easy B-Series modules and Easy750

Modern inverters need compact IGBT modules that can be easily integrated into power electronics applications. Today's customers expect power semiconductor modules to be greatly reduced in height and easy to incorporate into their layout.

With the latest module generation Easy1B, Easy2B and Easy750, we have added innovative features to the proven components of the previous Easy technology.

The Easy B-Series module generation is available in 600V, 650V and 1200V, and from 6 A to 200A. The range covers PIM and 6-pack configurations as well bridge rectifier, half-bridge, 4-pack, 3-level full-bridge and 3-level phase leg modules.

The module height was reduced to just 12 mm in response to the increasing demand for more compact dimensions.

Features like the flexible pin grid in combination with the latest IGBT chip technology enable the integration of PIM configurations up to 15 A in Easy750, 30 A in Easy1B and 50 A in Easy2B modules, for example.

Key features

- > Compact module design
- > Reliable mounting system
- > PCB layout-friendly
- > Configuration flexibility
- > High reliability and quality

Applications

- > Industrial drives
- > Solar power
- > Aircon
- > Auxiliary drives
- > Uninterruptible power supplies



Easy B-Series modules and Easy750



Easy Solder Pin

I _{nom} [A]	PIM		sixpack	
	600 V	1200 V	600 V	1200 V
75				FS75R12W2T4
50	FP50R06W2E3		FS50R06W1E3	FS50R12W2T4
30	FP30R06W1E3	FP35R12W2T4	FS30R06W1E3	FS35R12W1T4
			FS20R06W1E3	
20	FP20R06W1E3	FP25R12W2T4	FS20R06VE3_B2	FS25R12W1T4
15		FP15R12W1T4		
	FP15R06W1E3	FP15R12W2T4	FS15R06VE3_B2	
10	FP10R06W1E3	FP10R12W1T4	FS10R06VE3_B2	
6			FS6R06VE3_B2	

■ Easy750
■ Easy1B
■ Easy2B

Easy PressFIT

I _{nom} [A]	PIM		sixpack	
	600 V	1200 V	600 V	1200 V
75				FS75R12W2T4_B11
50	FP50R06W2E3_B11		FS50R06W1E3_B11	FS50R12W2T4_B11
30	FP30R06W1E3_B11	FP35R12W2T4_B11	FS30R06W1E3_B11	FS35R12W1T4_B11
			FS20R06W1E3_B11	
20	FP20R06W1E3_B11	FP25R12W2T4_B11		FS25R12W1T4_B11
15	FP15R06W1E3_B11	FP15R12W1T4_B11		
10	FP10R06W1E3_B11	FP10R12W1T4_B11		
6				

■ Easy1B
■ Easy2B

Published by
Infineon Technologies AG
85579 Neubiberg, Germany

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