



CFB600 SERIES

600 TO 700 WATTS 2:1 INPUT DC-DC CONVERTERS



FEATURES

- * 600 - 700W Isolated Output
- * Efficiency to 92%
- * Fixed Switching Frequency
- * Input under-voltage Protection
- * Over Temperature Protection
- * Over Voltage/Current Protection
- * Remote ON/OFF
- * Industry Full-Brick Package
- * Fully Isolated 1500VDC
- * UL60950-1 Approval



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.	Capacitor Load max.
			MIN.	MAX.	NO LOAD	FULL LOAD		
CFB600-24S12	18-36 VDC	12 VDC	0 mA	50 A	150 mA	28.09 A	88	10000µF ⁽²⁾
CFB600-24S24	18-36 VDC	24 VDC	0 mA	25 A	150 mA	27.78 A	89	5000µF ⁽²⁾
CFB600-24S28	18-36 VDC	28 VDC	0 mA	21.5 A	150 mA	27.87 A	90	5000µF ⁽²⁾
CFB600-24S32	18-36 VDC	32 VDC	0 mA	19 A	150 mA	27.84 A	91	5000µF ⁽²⁾
CFB600-24S48	18-36 VDC	48 VDC	0 mA	12.5 A	200 mA	27.47 A	91	5000µF ⁽²⁾
CFB600-48S12	36-75 VDC	12 VDC	0 mA	50 A	90 mA	13.89 A	90	10000µF ⁽²⁾
CFB600-48S24	36-75 VDC	24 VDC	0 mA	25 A	100 mA	13.59 A	92	5000µF ⁽²⁾
CFB700-48S28	36-75 VDC	28 VDC	0 mA	25 A	105 mA	16.03 A	91	5000µF ⁽²⁾
CFB600-48S32	36-75 VDC	32 VDC	0 mA	19 A	90 mA	13.77 A	92	5000µF ⁽²⁾
CFB600-48S48	36-75 VDC	48 VDC	0 mA	12.5 A	130 mA	13.59 A	92	5000µF ⁽²⁾

NOTE: 1. Nominal Input Voltage 24, 48 VDC

2. The output terminal of all models required a minimum capacitor 470uF to maintain specified regulation.

Mouser Electronics

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