



CFB400W SERIES

400W WATTS 4:1 INPUT

DC-DC CONVERTERS

SINGLE OUTPUT



FEATURES

- * 400W Isolated Output
- * Efficiency to 90%
- * Fixed Switching Frequency
- * Input Under Voltage Protection
- * Over Temperature Protection
- * Over Voltage/Current Protection
- * Remote ON/OFF
- * Full-Brick Size Meet Industry Standard
- * Fully Isolated 1500VDC
- * Without Tantalum Capacitor Inside
- * CE Mark Meets 2004/108/EC



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		(%) EFF.		CAPACITIVE LOAD MAX. (4, 5, 6)
			MIN.	MAX.	NO LOAD	FULL LOAD	(2)	(3)	
CFB400W-24S05	9-36 VDC	5 VDC	0 mA	80 A	600 mA	19.05 A	86.5	87.5	10000uF
CFB400W-24S12	9-36 VDC	12 VDC	0 mA	33.3 A	120 mA	19.36 A	85	86	10000uF
CFB400W-24S24	9-36 VDC	24 VDC	0 mA	16.7 A	120 mA	19.19 A	88	87	4700uF
CFB400W-24S28	9-36 VDC	28 VDC	0 mA	14.3 A	120 mA	19.18 A	86.5	87	4700uF
CFB400W-24S48	9-36 VDC	48 VDC	0 mA	8.3 A	120 mA	19.19 A	85.5	86.5	2200uF
CFB400W-48S05	18-75 VDC	5 VDC	0 mA	80 A	300 mA	9.36 A	88.5	89	10000uF
CFB400W-48S12	18-75 VDC	12 VDC	0 mA	33.3 A	60 mA	9.41 A	88.5	88.5	10000uF
CFB400W-48S24	18-75 VDC	24 VDC	0 mA	16.7 A	60 mA	9.28 A	90	90	4700uF
CFB400W-48S28	18-75 VDC	28 VDC	0 mA	14.3A	60 mA	9.27 A	90.5	90	4700uF
CFB400W-48S48	18-75 VDC	48 VDC	0 mA	8.3 A	60 mA	9.27 A	88	89.5	2200uF

NOTE:

1. Nominal Input Voltage 24, 48 VDC.
2. Measured at 12VDC for 24Vin, 24VDC for 48Vin.
3. Measured at Nominal Input Voltage.
4. The output terminal of 12V, 24V, 28V Vout models required a minimum capacitor 330uF to maintain specified regulation.
5. The output terminal of 5Vout models required a minimum capacitor 680uF to maintain specified regulation.
6. The output terminal of 48Vout models required a minimum capacitor 100uF to maintain specified regulation.

Mouser Electronics

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