

CHB300W Series



Features:

- 300W Isolated Output, 4:1 input
- Single output
- Efficiency to 90%
- Fixed Switching Frequency
- Input Under-Voltage Protection
- Over Temperature Protection
- Over Voltage/Current Protection
- Remote ON/OFF
- Industry Standard Half-Brick Package
- Fully Isolated 1500VDC
- CE Mark Meets 2004/108/EC
- Safety Meets UL60950-1, EN60950-1, and IEC60950-1

CHB300 Specifications

MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		%EFF.		CAPACITIVE LOAD MAX.
			MN.	MAX.	NO LOAD	FULL LOAD	(2)	(3)	
CHB300W-48S05	18-75VDC	5.0VDC	0mA	60A	100mA	6.94A	89	90	10000uF
CHB300W-48S12	18-75VDC	12VDC	0mA	25A	100mA	6.94A	90.5	90	10000uF
CHB300W-48S24	18-75VDC	24VDC	0mA	12.5A	80mA	6.98A	90	89.5	4700uF
CHB300W-48S28	18-75VDC	28VDC	0mA	10.7A	80mA	6.94A	91	90	4700uF
CHB300W-48S48	18-75VDC	48VDC	0mA	6.25A	80mA	7.02A	90	89	2200uF ⁽²⁾

NOTE:

1. Nominal Input Voltage 48 VDC
2. Measure at 24VDC for 48Sxx Models
3. Measure at Nominal Input Voltage
4. The Output Terminal of 48VOut Models Required a Minimum Capacitor 220uF to Maintain Specified Regulation
5. Output Peak Power 350W < 3 seconds with Maximum Duty Cycle of 10%, Average Output Power not to Exceed 300W.

