



**THE DATASHEET OF
CHB300-300S24**





CHB300-300S SERIES 300 WATT 2:1 INPUT DC-DC CONVERTERS



FEATURES

- * 300W Isolated Output
- * Efficiency to 90%
- * Fixed Switching Frequency
- * Input Under Voltage Protection
- * Over Temperature Protection
- * Low No Load Power Consumption
- * Over Voltage/Current Protection
- * Remote On/Off
- * Half-Brick Size Meet Industrial standard
- * UL60950-1 2nd (Reinforced Insulation) Approval
- * CB Test Certificate IEC60950-1
- * Safety Meets IEC/EN/UL 62368-1



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% Eff.	CAPACITIVE LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD		
CHB300-300S05	180-425 VDC	5 VDC	0 mA	60 A	10 mA	1125 mA	89	10000uF
CHB300-300S12	180-425 VDC	12 VDC	0 mA	25 A	10 mA	1135 mA	88	10000uF
CHB300-300S24	180-425 VDC	24 VDC	0 mA	12.5 A	10 mA	1110 mA	90	6000uF
CHB300-300S28	180-425 VDC	28 VDC	0 mA	10.7 A	10 mA	1110 mA	90	6000uF
CHB300-300S48	180-425 VDC	48 VDC	0 mA	6.25 A	10 mA	1110 mA	90	3000uF

NOTE:

1. Nominal Input Voltage 300 VDC.
2. An External Input Capacitor 150uF for All Models are Recommended to Reduce Input Ripple Voltage.
3. Measure at Nominal Input Voltage.

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