



# CHB500W SERIES

## 504 WATT 4:1 INPUT

### DC-DC CONVERTERS

### SINGLE OUTPUT



## FEATURES

- \*504W Isolated Output
- \* Efficiency to 93%
- \* Fixed Switching Frequency
- \* Input Under Voltage Protection
- \* Over Temperature Protection
- \* Over Voltage/Current Protection
- \* Remote On/Off
- \* Industry Standard Half-Brick Package
- \* Fully Isolated 2250VDC
- \* UL60368-1 2<sup>nd</sup> Approval (Basic Insulation): Pending



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.		CAPACITIVE LOAD MAX. <sup>(4)</sup>
			MIN.	MAX.	NO LOAD	FULL LOAD	(2)	(3)	
CHB500W-24S12	9-40 VDC	12 VDC	0 mA	42 A	80 mA	22.40A	93	93	42000uF
CHB500W-24S24	9-40 VDC	24 VDC	0 mA	21 A	80 mA	22.40A	93	93	21000µF
CHB500W-24S28	9-40 VDC	28 VDC	0 mA	18 A	80 mA	22.40A	93	93	18000µF
CHB500W-24S54	9-40 VDC	54 VDC	0 mA	9.26 A	80 mA	22.40A	93	93	9000µF
CHB500W-48S12	16.5-74 VDC	12 VDC	0 mA	42 A	60 mA	7.47A	93	93	42000uF
CHB500W-48S24	16.5-74 VDC	24 VDC	0 mA	21 A	60 mA	7.47A	93	93	21000µF
CHB500W-48S28	16.5-74 VDC	28 VDC	0 mA	18 A	60 mA	7.47A	93	93	18000µF
CHB500W-48S54	16.5-74 VDC	54 VDC	0 mA	9.26 A	60 mA	7.47A	93	93	9000µF

NOTE: 1. Nominal Input Voltage 24,48 VDC  
 2. Measure at 12VDC for 24Sxx and 24VDC for 48Sxx Models  
 3. Measure at Nominal Input Voltage

