



# CHB300W-110S SERIES

## 198-300 WATT 4:1 INPUT DC-DC CONVERTERS



### FEATURES

- \* 198-300W Isolated Output
- \* Efficiency to 91%
- \* Low No Load Power Consumption
- \* Fixed Switching Frequency
- \* 4:1 Input Range
- \* Regulated Outputs
- \* Input Under-Voltage Protection
- \* Over Temperature Protection
- \* Over Voltage/Current Protection
- \* Remote On/Off
- \* Half-Brick Size Meet Industrial Standard
- \* UL60950-1 2<sup>nd</sup> (Basic Insulation) Approval (Except 3.3Vout)
- \* CB Test Certificate IEC60950-1 (Except 3.3Vout)
- \* Meet EN50155 With External Circuits
- \* Shock & Vibration Meet EN50155 (EN61373)
- \* Fire & Smoke Meet EN45545-2
- \* 5000m Operating Altitude



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF. (2)	CAPACITOR LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD		
CHB300W-110S3V3	43-160 VDC	3.3VDC	0 mA	60 A	10 mA	2093 mA	86	60000uF
CHB300W-110S05	43-160 VDC	5 VDC	0 mA	60 A	10 mA	3099 mA	88	60000uF
CHB300W-110S12	43-160 VDC	12 VDC	0 mA	25 A	10 mA	3030 mA	90	25000uF
CHB300W-110S24	43-160 VDC	24 VDC	0 mA	12.5 A	10 mA	3064 mA	89	12500uF
CHB300W-110S28	43-160 VDC	28 VDC	0 mA	10.7 A	10 mA	3064 mA	89	10700uF
CHB300W-110S48	43-160 VDC	48 VDC	0 mA	6.25 A	10 mA	2997 mA	91	4700uF

#### NOTE:

1. Nominal Input Voltage 110 VDC.
2. Measure at Nominal Input Voltage.

