



CHASSIS MOUNT CHB200W-110S SERIES 200 WATT 4:1 INPUT DC-DC CONVERTERS



FEATURES

- * 200W Isolated Output
- * Remote On/Off
- * 4:1 Input Range
- * Regulated Outputs
- * Efficiency to 90.5%
- * Fixed Switching Frequency
- * Over Temperature Protection
- * Over Voltage/Current Protection
- * Low No Load Power Consumption
- * Continuous Short Circuit Protection
- * Shock & Vibration Meet EN50155 (EN61373)
- * Safety Meets UL60950-1, EN60950-1, and IEC60950-1
- * UL60950-1 2nd (Basic Insulation) Approval for DC Modules
- * Meets EN50155:2007 for EMC, Environmental and Characteristic
- * Build-In EMI Filter
- * Fire & Smoke Meet EN45545-2
- * Baseplate Cooled



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.	CAPACITOR LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD		
CHB200W-110S05□-CMFC CHB200W-110S05□-CMFD	43-160 VDC	5 VDC	0 mA	40.0A	15 mA	2077 mA	87.5	40000uF
CHB200W-110S12□-CMFC CHB200W-110S12□-CMFD	43-160 VDC	12 VDC	0 mA	16.7A	15 mA	2035 mA	90.5	16700uF
CHB200W-110S24□-CMFC CHB200W-110S24□-CMFD	43-160 VDC	24 VDC	0 mA	8.3A	15 mA	2034 mA	89	8300uF
CHB200W-110S28□-CMFC CHB200W-110S28□-CMFD	43-160 VDC	28 VDC	0 mA	7.14A	15 mA	2042 mA	89	7140uF
CHB200W-110S48□-CMFC CHB200W-110S48□-CMFD	43-160 VDC	48 VDC	0 mA	4.2A	15 mA	2025 mA	90.5	3000uF

NOTE:

1. Nominal Input Voltage 110VDC
2. □ = N or None
3. VR1 is used for Output Voltage Adjustment.
4. Refer to application note for thermal resistance and derating informations.
5. TVS is included for input surge voltage protection.
6. Recommend an external fuse for input reverse polarity protection (shunt diode is include inside).

