



electronic powersolutions

CHB150 SERIES

99 - 150 WATT WIDE INPUT DC-DC CONVERTERS SINGLE OUTPUT



FEATURES

- * 99 - 150W Isolated Output
- * Efficiency to 89%
- * 500KHz Switching Frequency
- * 2:1 Input Range
- * Regulated Outputs
- * Continuous Short Circuit Protection
- * Five-Sided Metal Case
- * Half-Brick Size Meets Industrial Standard
- * UL60950-1 Approval
- * Without Tantalum Capacitor Inside
(Except 3.3&5Vout)



MODEL NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT		INPUT CURRENT		% EFF.	CAPACITOR LOAD MAX.
			MIN.	MAX.	NO LOAD	FULL LOAD		
CHB150-48S33	36-75 VDC	3.3 VDC	0 mA	30 A	25 mA	2.5 A	82	30000uF
CHB150-48S05	36-75 VDC	5 VDC	0 mA	30 A	25 mA	3.6 A	86	30000uF
CHB150-48S12	36-75 VDC	12 VDC	0 mA	12.5 A	25 mA	3.5 A	89	12500uF
CHB150-48S15	36-75 VDC	15 VDC	0 mA	10 A	25 mA	3.5 A	89	10000uF
CHB150-48S24	36-75 VDC	24 VDC	0 mA	6.25 A	25 mA	3.5 A	89	6250uF

NOTE: 1. Nominal Input Voltage 48VDC

