



CHB150 SERIES

75 TO 150 WATT WIDE INPUT DC-DC CONVERTERS

SINGLE OUTPUT



FEATURES

- * 75 - 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 meet industrial standard
- * CE Mark Meets 2004/108/EC
- * UL60950-1 Approval
- * Without Tantalum Capacitor inside
(V2.X Only, with  Label)



| MODEL NUMBER | INPUT VOLTAGE | OUTPUT VOLTAGE | OUTPUT CURRENT | | INPUT CURRENT | | % EFF. | Capacitor Load max. |
|--------------|---------------|----------------|----------------|-------|---------------|-----------|--------|---------------------|
| | | | MIN. | MAX. | NO LOAD | FULL LOAD | | |
| CHB150-48S25 | 36-75 VDC | 2.5 VDC | 0mA | 30A | 25 mA | 2A | 77 | 30000uF |
| CHB150-48S33 | 36-75 VDC | 3.3 VDC | 0mA | 30A | 25 mA | 2.5A | 82 | 30000uF |
| CHB150-48S05 | 36-75 VDC | 5 VDC | 0mA | 30A | 25 mA | 3.6A | 86 | 30000uF |
| CHB150-48S12 | 36-75 VDC | 12 VDC | 0mA | 12.5A | 25 mA | 3.5A | 89 | 12500uF |
| CHB150-48S15 | 36-75 VDC | 15 VDC | 0mA | 10A | 25 mA | 3.5A | 89 | 10000uF |
| CHB150-48S24 | 36-75 VDC | 24 VDC | 0mA | 6.25A | 25 mA | 3.5A | 89 | 62500uF |

NOTE: 1. Nominal Input Voltage 48VDC

