



Cincon releases new DC/DC Converter CHB200W-110S Series



Key Specs:

The DC-DC converter CHB200W-110S offers 200 watts of output power @ single output voltages of 5, 12, 24, 28, 48VDC with industry standard Half-brick dimension. It has a wide (4:1) input voltage range of 43 to 160VDC (110VDC nominal) and 3000 VDC basic isolation.

Exceptional Performance:

High efficiency up to 91%, with a case operating case temperature range of $\pm 40^{\circ}\text{C}$ to 100°C . An optional heat sink is available to extend the full power range of the unit. Additionally, this product has a low no load power consumption (10mA), an ideal solution for energy critical systems.

Key Functions:

Compliant with EN50155, EN45545-2, EN50121-3-2. The standard control functions include negative logic remote on/off (remote on/off for positive logic is optional), and $\pm 10\%$ adjustable output voltage.

Full Protections:

Fully protected against input UVLO (under voltage lock out), output over-current, output over-voltage and over-temperature and continuous short circuit conditions.

Applications:

CHB200W-110S series is designed primarily for common railway applications of 72V, 96V, 110V nominal voltage and also suitable for distributed power architectures, telecommunications, battery operated equipment and industrial applications.

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