

1000W QUADRUPLE OUTPUT POWER SUPPLY IN 11" X 11.5" X 2.5" PACKAGE 2HBC265 SERIES

- Compact size
- Four outputs
- Full electronic protection
- Telecom quality
- Field-proven design topology
- Made in Canada



The 2HBC265 is a compact AC/DC converter which uses established design techniques to ensure high reliability. Suitable for a wide range of applications, the unit features full electronic protection, high efficiency and low output noise. The built-in fan provides sufficient airflow for operation without de-rating up to 50°C ambient temperature.

SPECIFICATIONS

Input Voltage

115/230VAC \pm 15%
auto-ranging
47 - 63Hz

Input Protection

Thermal fuse
Inrush current limiting

Input Isolation/Safety

2250VDC input to chassis
4300VDC input to output
8mm spacing
500VDC output to chassis

Compliance to IEC950,
CSA 22-2-950 and UL 1950
Please consult factory for approval
status for the requested
input/output configuration

Output Voltages

2,3, or 4 outputs in any
voltage combination.

Efficiency

Min 80% at full load

Line/Load Regulation

\pm 1% combined on the 1 & 2
outputs.
 \pm 3% on the 3 & 4 outputs

Output Overvoltage Protection

Double regulator loop

Overload Protection

Rectangular current limiting with
short circuit protection
Thermal shutdown with automatic
reset in case of insufficient airflow

EMI

Meets and EN 55022 Class A

Output Ripple/Noise

Better than 1% of output voltage
peak to peak or 0.2% RMS of the
output voltage (20MHZ BW)

Hold Up Time

Minimum 10ms at full load for 5%
drop of output voltage

Operating Temperature

0°C to +50°C

Temperature Drift

0.03% per °C over operating
temperature range

Dimensions

11" x 11.5" x 2.5" x enclosed case
Weight: 11 lb. (5kg).

Connections

Screw-type terminal block

Warranty: Twelve months subject to application within good engineering practice
Enhancements to these general specifications can be accommodated upon request
Designed to meet common approval requirements. Specifications subject to change

**Designer and manufacturer of quality converters, inverters, UPS systems, complete rack mount systems
and DC-input fluorescent lamp inverters since 1982. Custom or standard.
Absopulse is a BAPT-approved Facility**

ABSOPULSE
ELECTRONICS LTD.

ABSOPULSE ELECTRONICS LTD
110 Walgreen Road, Carp, Ontario K0A 1L0 CANADA

Tel: (613) 836-3511 Fax: (613) 836-7488 E-mail: absopulse@absopulse.com
Visit us at www.absopulse.com