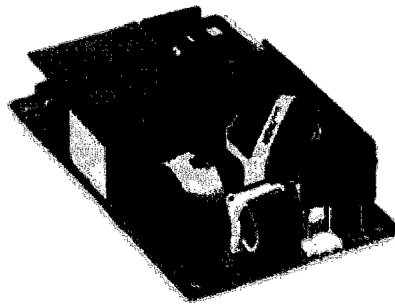


Hyperion - Open frame & Enclosed

Supplier: Powerbox
Article No:
Type: AC/DC
Power Class: 80-125 Watts
Product Group: Open frame & Enclosed
Case Style: PCB
Technology: Switch Mode
Outputs: Single



Features:

- Small foot print 3x5 inch (127x76 mm)
- Low height
- Suitable for 1U application
- High efficiency
- PFC built in
- High power density
- High MTBF
- Cost effective
- Suitable for telecom and datacom applications

Specification:

INPUT

Nominal voltage 100 to 240VAC.
 Voltage range 90V to 264VAC.
 Frequency 47 to 63Hz.
 Input current 0.6A to 1.5A
 Leakage current 0.5mA max at nominal load and input voltage.
 Inrush current $I_{peak} < 100A$ at 265VAC.
 Power factor correction Complies with EN61000-3-2. For load current between 25% and 100% of the nominal value.
 Isolation 3000VAC, 1s primary-secondary. 10M Ω insulation resistance 12V primary-secondary.

OUTPUT

Voltage see datasheet below.
 Power 100W at convection cooling.
 Efficiency to 91%.
 Line regulation $\pm 1\%$ max.
 Load regulation $\pm 4\%$ max.
 Voltage adjustment No.
 Current adjustment No.
 Ripple and noise 1.6% max p-p.
 Transient response Return to regulation within 1ms (50% to 100% load).
 Overcurrent protection Trip point approx. 120%, auto recovery, hiccup one per second.
 Overvoltage protection Trip point approx. 120%, shut down.
 Max capacitive load 12V and 24V, 10000uF. 48V, 5000uF.

ENVIRONMENTAL