

High Efficiency · Stability · Energy Saving

PRODUCT

[New Products](#) | [Products Overview](#) |

[Home](#) > [Products](#) > [New Products](#)

New Products

Products

- ▶ AC Redundant Module
- ▶ DC Redundant Module
- ▶ 1U Redundant
- ▶ 2U Redundant
- ▶ 3U Redundant
- ▶ Mini Redundant
- ▶ 1U Standalone
- ▶ 2U Standalone
- ▶ PS2
- ▶ PoE

1U Redundant 450 watts



YH5451-1VAR2A0D

FEATURES

- 275.0 (L) x 106.0 (W) x 41.5 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- Application for IPC/Storage/Embedded server/Networking
- Redundant Module: YM-2451VAR

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Print | Drawing | CB | CCC | CE | FCC |
TUV | UL



INPUT

Input Voltage	90 - 264VAC
Input Frequency	47-63Hz
Input Current	8.0A max at 115VAC, 4.5A max at 240VAC
Inrush Current	60A max at 264VAC
Power Factor	0.95 at 115VAC / 60Hz, 0.95 at 230V / 50Hz
Earth Leakage Current	3.5mA max at 240VAC / 50Hz

GENERAL

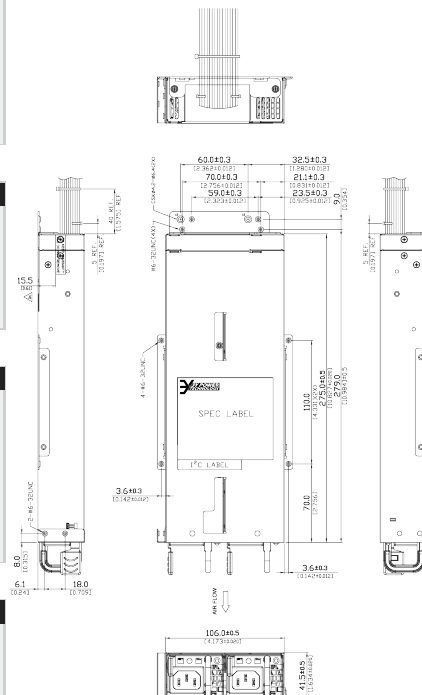
Efficiency	80 Plus PLATINUM certified, Highest efficiency
	94% at 230VAC
Power Density	6.10 W/in ³
MTBF	100 kHrs per Belcore TR-332 ISSUE1 at 25°C ambient

ENVIRONMENTAL

Operating Temperature	-5 to 50°C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-40°C to +70 °C
Operating Altitude	Sea level to 5,000 M
Shock Operating	10G, no malfunction
Non-Operating	0.02G ² /Hz form 20Hz to 1KHz
Vibration Operating	0.01G ² /Hz at 10Hz, 0.02G ² /Hz at 20Hz

EMC & SAFETY

Emissions	EN55022, class A Conducted EN55022, class A Radiated
Harmonic Currents	EN61000-3-2
Voltage Flicker	EN61000-3-3
EFT/Burst	EN61000-4-4
Surge	EN61000-4-5
Conducted Immunity	EN61000-4-6
Safety Approvals	UL/cUL, TUV, CB, CE, CCC, FCC



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3V	1.5A	20A	+3.3V ~ +5V combined power ≤ 140W	50mV p-p
+5V	1.0A	20A		50mV p-p
+12V	1.5A	37A		120mV p-p
-12V	0A	0.5A		120mV p-p
+5VSB	0.1A	3.0A		50mV p-p

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Site Map

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