

High Efficiency · Stability · Energy Saving

PRODUCT

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New Products

Products

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

AC Redundant Module 300 watts



YM-2301EAR

FEATURES

- 205.0 (L) x 50.5 (W) x 40.0 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- High Power Density 11.87 W/in³
- Application for IPC/Storage/Embedded server/Networking



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



INPUT

Input Voltage	90-264VAC
Input Frequency	47-63Hz
Input Current	5.0A max at 115VAC, 3.0A max at 230VAC
Inrush Current	25A max at 90 - 264VAC
Power Factor	0.95at 115VAC / 60Hz, 0.95 at 230VAC / 50Hz
Earth Leakage Current	3.5mA max at 240VAC / 50Hz

GENERAL

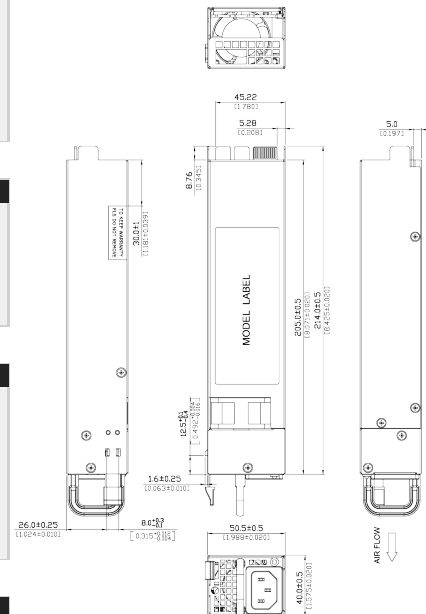
Efficiency	80 Plus SILVER certified, Highest efficiency 89% at 230VAC
Power Density	11.87 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient

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 at 20Hz, 0.02G ² /Hz at 1kHz
Vibration Operating	0.01G ² /Hz at 10Hz, 0.02G ² /Hz at 20Hz

EMC & SAFETY

Emissions	EN55022, class B Conducted EN55022, class B 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
+12V	0A	24A		120mV p-p
+5VSB	0A	3.0A		50mV p-p

Taiwan Headquarters

TEL :+886-3-321-4556 FAX :+886-3-321-4576 E-mail :3ysales@3ypower.com.tw

Address : 2nd Fr, No. 576, Sec. 1, Minsheng N. Rd., Gueishan, Taoyuan, Taiwan 333, R.O.C.

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