

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

1U Standalone 300 watts



YM-5301GAR

FEATURES

- 150.0 (L) x 81.5 (W) x 40.3 (H) mm
- High Reliability
- High Efficiency
- Fan Speed Control Function Inside
- Application for IPC/Storage/Embedded server/Networking

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INPUT

Input Voltage	90 - 264VAC
Input Frequency	47-63Hz
Input Current	6.0A max at 100VAC, 3.0A max at 220VAC
Inrush Current	60A max at 264VAC
Power Factor	0.97 at 115VAC / 60Hz, 0.95 at 230V / 50Hz
Earth Leakage Current	3.5mA max at 240VAC / 50Hz

GENERAL

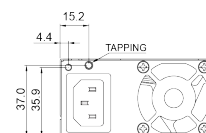
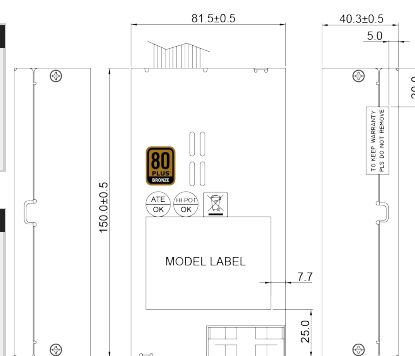
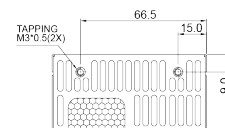
Efficiency	80 Plus BRONZE certified, Highest efficiency
	85% at 230VAC
Power Density	9.98 W/in ³
MTBF	100 kHrs per Belcore SR-332 ISSUE1 at 25°C ambient

ENVIRONMENTAL

Operating Temperature	0 to 40°C
Operating Humidity	5 - 90% RH, Non-condensing
Storage Temperature	-40°C to +70 °C
Operating Altitude	sea level to 7,000 M
Shock Operating	5G, 11 mSec, half sine 3 axes
Non-Operating	2G, 10 Hz to 500 Hz, 3 axes
Vibration Operating	0.5G, 10 Hz to 500 Hz, 3 axes

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



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3V	0.3A	17A	+3.3V ~ +5V combined power ≤ 120W	75mV p-p
+5V	0.3A	18A		75mV p-p
+12V	0.7A	24A		150mV p-p
-12V	0A	0.3A		150mV p-p
+5VSB	0.1A	4.0A		75mV p-p

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