



# YVIC0450AH-5A12P20

## FEATURES

- 220.0 (L) x 106.0 (W) x 40.5 (H) mm
- 1+1 Redundant
- Support PMBus 1.2
- No Minimum Load Required
- Application for IPC/Storage/Embedded server/Networking



## INPUT

Input Voltage	90-264VAC
Input Frequency	47-63Hz
Input Current	6-5A / 90-132VAC, 4-3A / 180-264VAC
Inrush Current	75A max at 264VAC
Power Factor	0.95 at 115VAC / 60Hz, 0.93 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	
MTBF	100 kHrs per Telcordia SR-332 at 25°C ambient

## ENVIRONMENTAL

Operating Temperature	0 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	50G Trapezoidal Wave, Velocity change 4.3m/sec
Vibration Operating	0.01G <sup>2</sup> /Hz at 10Hz, 0.02G <sup>2</sup> /Hz at 20Hz
Non-Operating	0.02G <sup>2</sup> /Hz form 20Hz to 1kHz

## 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	0A	20A	+3.3V ~ +5V combined power ≅ 140W	50mV p-p
+5V	0A	20A		50mV p-p
+12V	0A	37A		120mV p-p
-12V	0A	0.5A		120mV p-p
+5Vsb	0A	3.0A		50mV p-p

### MECHANICAL SPECIFICATIONS

UNIT: mm

