TC-1200/1350 RVN2

3U Type N+1 Redundant Power Supply

■ Features

- Universal AC input/Full range
- Active power factor Correction
- Protections:Over Power/Over Voltage/Short Circuits
- Current Sharing design on +3.3V, +5V and +12V
- Front panel LED to Indicate Power Status
- Power Fault Alarm Signals
- Alarm Reset
- 100% burn-in test

Electrical Specifications:

Input Ratings

Model No.	TC-1200/1350RVN3
Input Voltage	100~240VAC,±10%
Input Current	17A For 115VAC, 7A For 230VAC
Input Frequency	47Hz ~ 63Hz
Power Factor	＞0.96@230VAC/50Hz,full load

Output Ratings

Output Voltage	Output Current TC-1200RVN3 Min.	Max.	TC-1350RVN3 Min.	Max.	Regulation LOAD	LINE	Output Ripple & Noise Max.(p-p)
+5V	3A	60A	3A	60A	5%	1%	50mV
+3.3V	3A	47A	3A	47A	5%	1%	50mV
+12V	4.5A	88A	4.5A	98A	5%	1%	70mV
-12V	0A	1.5A	0A	1.5A	5%	1%	70mV
+5VSB	0.3A	3A	0.3A	3A	5%	1%	50mV

Efficiency	72% Typical at full load
Hold up Time	16m sec. minimum, at full load

REMARKS:
1.Total Max output of +5V AND +3.3V not exceed 400W
2.Power module Total output power not exceed 1200W for TC-1200RVN3 and 1350W for TC-1350RVN3.
3.Noise bandwidth is from DC to 20MHz.

Protections

Over Power	110% ~ 150% rated output power
Over Voltage	+5V→5.7V~6.5V,+3.3V→3.7V~4.1V,+12V→12.8V~13.9V
Short Circuit	Shut down o/p voltage, re-power on to recover

Function

Power Good Signal	100ms~500ms, TTL compatible signal
Power Fail Delay	＞1msec. ,TTL compatible signal
PS-ON	Power off:PS-ON = 2V min. ;Power on:PS-ON = 0.8V max.

Environmental

Operating Temperature	0°C to 45°C
Storage Temperature	-20°C to +70°C
Operating Humidity	20% to 90%,non-condensing
Storage Humidity	5% to 95%, non-condensing

Safety & EMI/RFI

Safety Standards	UL,cUL,TUV,CB
EMI/RFI Standards	CISPR22(EN55022) Class B, FCC Part15 Class B
Harmonic	EN61000-3-2

Others

MTBF	＞100,000 hours
Coolings	38x38x28mmx6 DC FANS
Dimension(DxWxH)	300x101x125mm

DIMENSION300(D) x 101(W) x 125(H)mm

REVISIONS			
REV	DESCRIPION	SING	DATE
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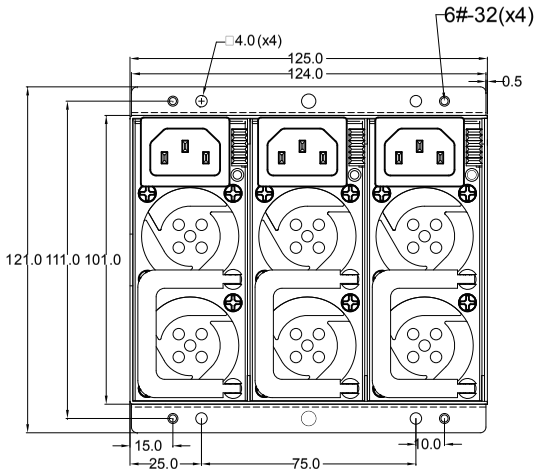

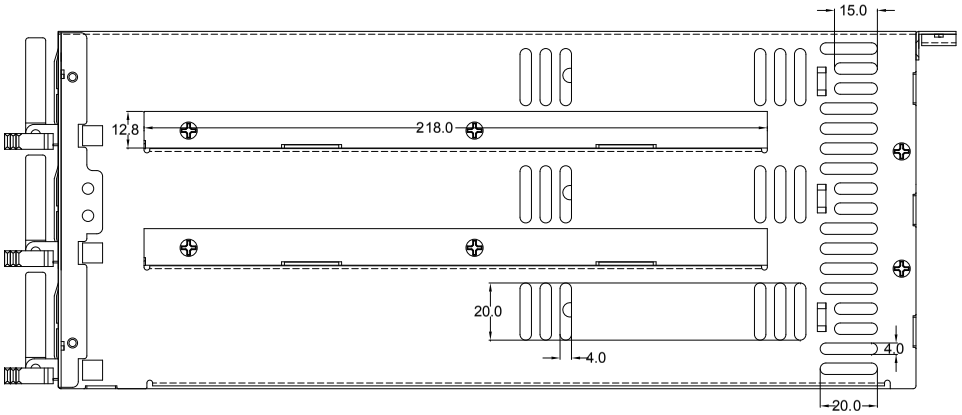

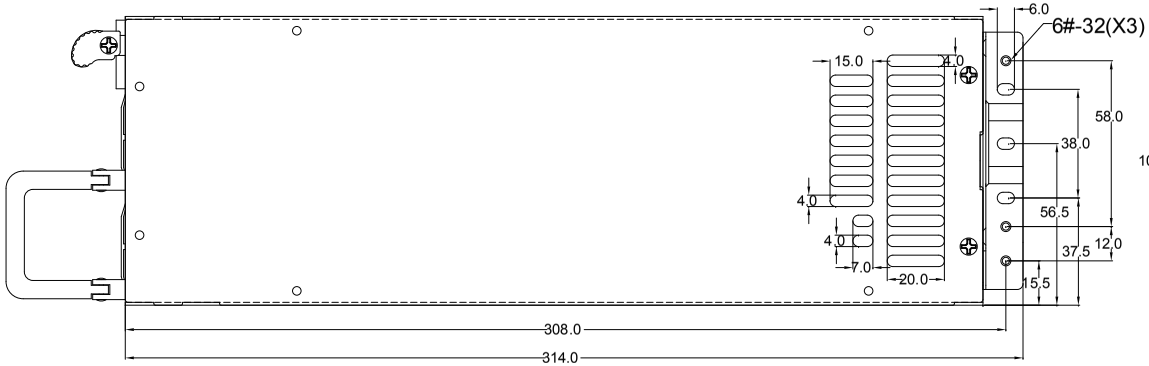

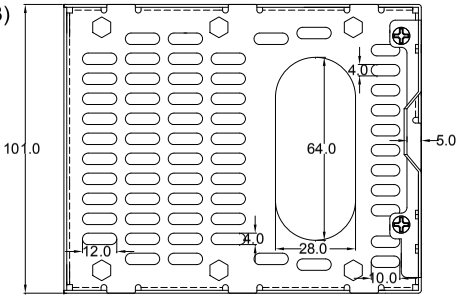

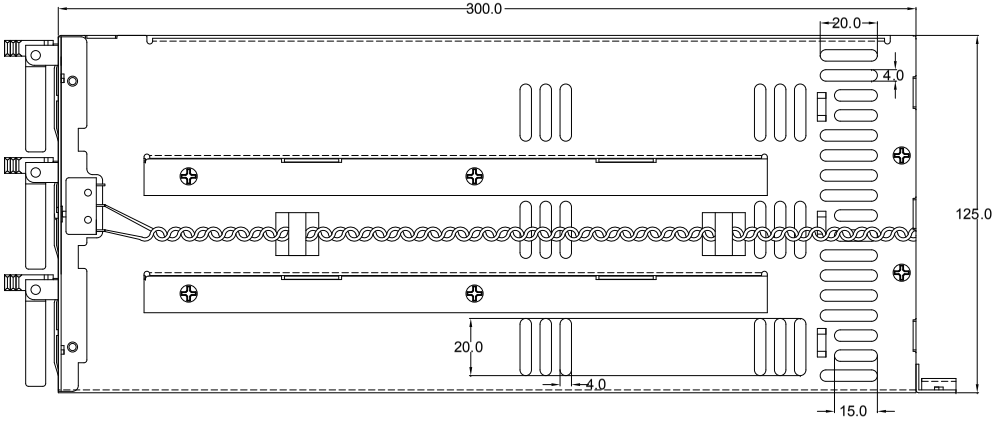

TOLEANCES: .XXX=± .025 .XX= ± .1 .X= ± .2	MATERIAL	SPPC T1.0		UNITS	mm	I-STAR COMPUTER	
	APPROVE BY	CHECK BY	DRAW BY	DRAW NO			TC-1200_1350RVN3
PROJECTION:			JACKY	SHEET	OF	MODEL NO	
				DATE	2007,7,18	PART NO	