

**Model:** TC-1100RVN3  
1100W 2+1 Redundant Power Supply for 4U~8U chassis



## Features

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

## 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 A, FCC Part15 Class A

## Others

MTBF: >100,000 hours

Codlings: 38x38x28mmx6 DC FANS

Dimension(DxWxH): 300x101x125mm

## AC Input

- 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 

## DC Output

Output Voltage	Output Current		Regulation		Output Ripple & Noise Max. (p-p)
	TC-1100RVN3		LOAD	LINE	
	Min.	Max.			
+5V	3A	60A	5%	1 %	50mV
+3.3V	3A	47A	5%	1 %	50mV
+12V	4.5A	88A	5%	1 %	70mV
-12V	0A	1.5A	5%	1 %	70mV
+5VSB	0.3A	3A	5%	1 %	50mV
Efficiency	76% 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 1100W for TC-1100RVN3				
	3. Noise bandwidth is from DC to 20MHz.				

Output Connector								
Quantity	24P x1	M8P x1	M4P x1	HDD x26	Floppy x2	S.ATA x2	PCIE-6 x2	LED

## Mechanical Drawing

