


Model: TC-500R8A
500W PS2 Mini Redundant Power Supply



Features

- TEMPERATURE RANGE: Operation 0°C~50°C
- HOLD UP TIME: 16ms at maximum load & normal input voltage
- EFFICIENCY: 70% TYPICAL (Normal Line)
- POWER GOOD SIGNAL: Should be asserted high to indicate that +5VDC and +3.3VDC output are above the low voltage thresholds. Compatible signal out with 100ms to 500ms.
- OVER POWER PROTECTION: The power supply shall shut down output power exceeds 130% to 160%
- OVER VOLTAGE PROTECTION: Standard on +5.0V, set at 6.25VDC \pm 0.75VDC
- SHORT CIRCUIT PROTECTION: A short circuit placed between the DC return and the output shall cause no damage and the power supply shall shutdown.
- EMI: FCC part 15, subpart B, Class B, EN55022 CISPR22 Class B.
- AGENCY APPROVALS: UL60950, CAN/CSA22.2 No.60950, TUV(IEC60950)
- MTBF OF POWER SUPPLY ELECTRONICS: 100,000 hours at 25°C. LIFE EXPECTANCY OF FAN 40,000 hours at 40°C
- COOLING: By forced air 4x40mm Fan
- DIMENSION: D200 X W150 X H86mm

AC Input

- VOLTAGE: 90 ~132V / 180~264V Auto Select
- FREQUENCY: 47/63Hz
- INPUT CURRENT: 8A/4A For 115/230VAC
- INRUSH CURRENT: 60A/80A MAX FOR 115/230 

DC Output

OUTPUT VOLTAGE	OUTPUT CURRENT		REGULATION		OUTPUT
	MIN(A)	MAX(A)	LOAD		MIN(A)
+5V	3	42	±5%	+5V	3
+12V	2	28	±5%	+12V	2
-5V	0.1	0.5	±10%	-5V	0.1
-12V	0.1	0.8	±10%	-12V	0.1
+3.3V	1	24	±5%	+3.3V	1
+5VSB	0.1	2	±5%	+5VSB	0.1

The combined output power +5V&+3.3V shall not exceed 200W.

The total power shall not exceed 500W.

Output Connector						
Quantity	(20+4)P x1	M8P x1	M4P x1	HDD x 7	Floppy x 1	LED

Mechanical Drawing

