

# TC-300R8A TC-400R8A TC-500R8A

300/400/500W PS/2 Dual AC Mini Redundant Power Supply



## INTRODUCTION

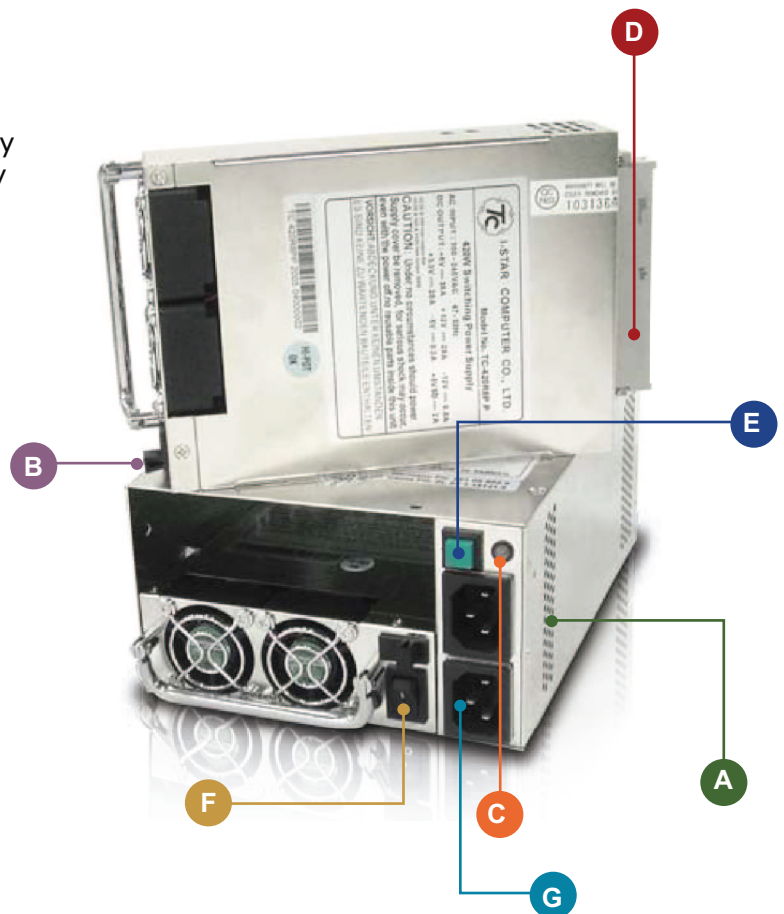
With its Hot-Swap & Power Sharing features, the R8A Series can significantly increase the reliability of a computer system and minimize the total down time. The R8A Series is the ideal power source for telecommunications systems and industrial systems, as well as for a variety of other mission critical applications.

## FEATURES

- PS/2 Size Design
- Over Power Protection
- Over Voltage Protection
- Short Circuits Protection
- Auto Select AC Input
- Hot-Swappable & Power Sharing Capability
- Real Dual AC Input Design: AC-1: Primary Source, AC-2: Secondary Source

- Ⓐ Air Cell Vent
- Ⓑ Signal Release Latch
- Ⓒ Module Status LED
- Ⓓ Industrial Grade Connector
- Ⓔ Alarm reset Switch
- Ⓕ Power Switch
- Ⓖ AC Input Fuse

NO. of Fans: 40 mm x 4  
Air Flow CFM: 7.3  
Net Weight: 8.4 lb



# TC-500R8A TC-400R8A TC-300R8A

## DRAWING



20+4 Pin Connector



4 Pin Connector



3 External Status LED



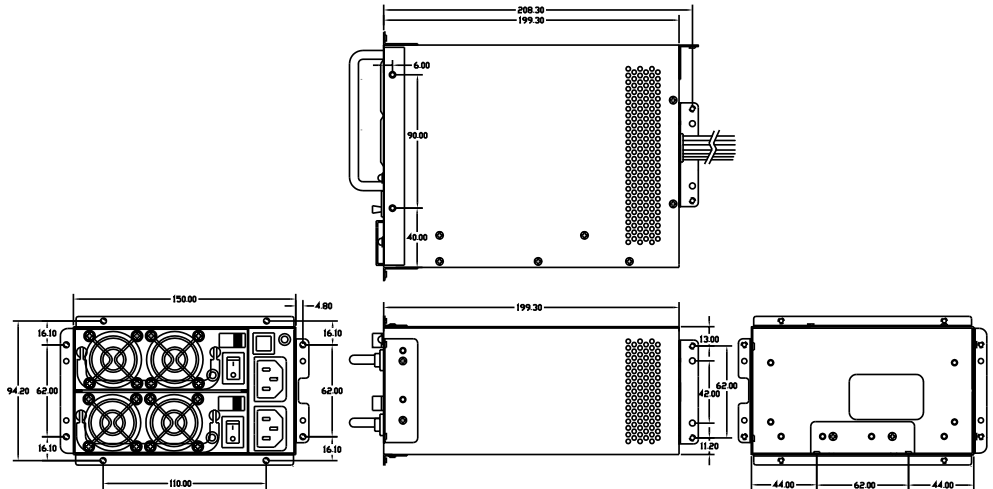
8 Pin Connector



Peripheral Connector



Floppy Connector



## SPECIFICATIONS

Model Number	TC-300R8A	TC-400R8A	TC-500R8A
RoHS Compliance Version	Yes		
Output Power	300W	400	500
AC Input	90V to 132V or 180V to 264V auto selectable 47Hz ~ 63Hz		
Main Connector	20+4 Pin		
12V Connectors	8-Pin / 4-Pin		
Dimensions [WxHxD]	150 x 86 x 200 mm		

## OUTPUT TABLE

Voltage	+3.3V	+5V	+12V	-12V	-5V	+5Vsb	
Max Load	TC-300R8A	24A	30A	15A	0.8A	0.5A	2A
	TC-400R8A	24A	35A	18A	0.8A	0.5A	2A
	TC-500R8A	24A	42A	28A	0.8A	0.5A	2A
Min Load	0.3A	3A	2A	0.1A	0.1A	0.1A	
Regulation	±0%	±5%	±5%	±0%	±5%	±5%	
Ripple (mV)	50	50	120	120	50	50	

## COMPATIBLE CHASSIS

**D-STORM 4U SERIES** / D-400, D-400-6, D-400AL, D-400-6AL, D-400L, D-410  
**S-STORM TOWER SERIES** / S-10000L, S-10000, S-9000

- :: Operation Temperature: 0°C to 50°C
- :: Humidity: 5 to 90°C non-condensing
- :: Specification and wiring diagram subject to change without notice

