



**TRI-MAG, Inc.**

® *your* **POWER Specialists**

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# PS5200 SERIES

## 200 Watt



Single output in PS2 case.

### DESCRIPTION

The latest technology and topology is used to design this series.

This technology efficiently delivers the maximum output of continuous power and lower minimum load requirements. This topology also assures very high reliability and performance.

### FEATURES

- High Efficiency
- Low Cost
- Low Output Noise
- High Surge Output
- Overload Protection
- Short Circuit Protection
- 100% Hi-Pot Tested
- 100% Cycling On-Off Burn-In Test
- Built-In Line Filter FCC Class B and VDE Class B
- Power Good Signal
- Built-In Fan For Cooling
- Remote On-Off Switch
- Remote Sense
- Thermal Protection

### APPLICATIONS

- Personal Computers
- Industrial Computers
- Workstations
- Process Control Equipment
- Robotics
- Instrumentation
- Telecommunications



### GENERAL SPECIFICATIONS

Input Voltage..... 90VAC to 132VAC  
or 180VAC to 264VAC, 47Hz to 63Hz

Output Power..... See Specifications

Output Adjustable..... Main Output  $\pm 10\%$

Efficiency..... 70% Typical

Operating Temperature..... 0 to 50°C

Storage Temperature..... - 20°C to 85°C

Temperature Coefficient..... 0/02% / C

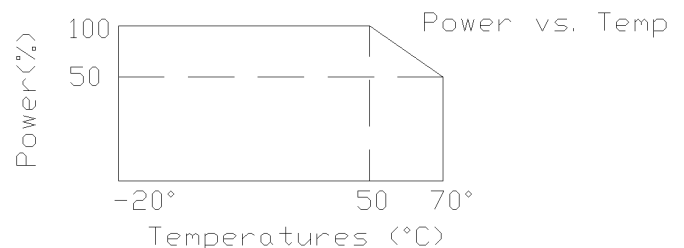
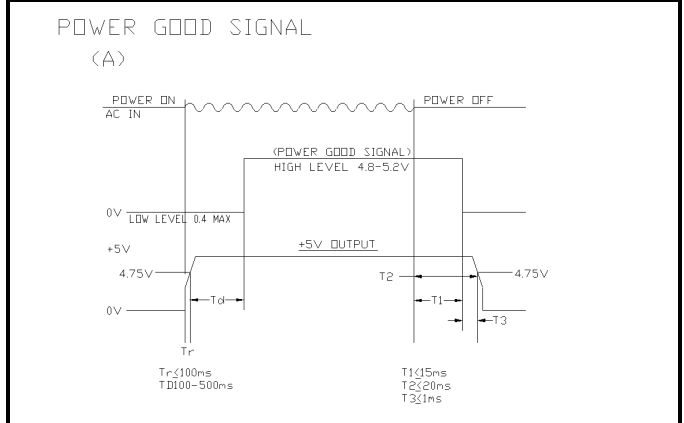
Ripple Voltage..... See Specifications

Holdup Time..... Trip Point, 6.2V  $\pm 0.4$ V  
or Rated Output +3V

Short Circuit Protection..... All Output Safety:

Designed in full compliance with..... UL 1950  
CSA 22.2 #234  
VDE EN60950

### POWER GOOD SIGNAL





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**PS5200 SERIES 200 WATT— OUTPUT SPECIFICATIONS**

Model	Voltage (Vdc)	Load (A)			Tolerance ±	Ripple & Noise	Regulation	
		Min.	Rate	Peak			Line	Load
PS5200-6	+5V	3.5	40	-	1%	50 mV	1%	3%
PS5200-7	+12V	2.0	16.6	18.8	1%	100 mV	1%	3%
PS5200-8	+15V	1.3	13.3	-	1%	100 mV	1%	3%
PS5200-9	+24V	0.8	8.3	-	1%	200 mV	1%	3%
PS5200-14	+48V	0.4	4.1	-	1%	300 mV	1%	3%

**Note: Contact factory for Safety Agency Approved status.**

