



**TRI-MAG, Inc.**  
**INTEGRAND DIVISION**  
 ® **your POWER Specialists**

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## TRI-MAG PS/2 Industrial Power Supplies

Switching Power Supplies

### POWER SUPPLY TABLE

PS MODEL	Input voltage	DC OUTPUT RATINGS								PS Safety Approvals
		Watts	+5V	+3.3V	+12V1	+12V2	-5V	-12V	+5Stdby	
P590-2A	117/230 VAC	250	25A	14A	10A	N/A	0.5A	0.5A	0.75A	UL, TUV, CSA, CE
P590-3A		300	30A		12A			1A		
P590-35AP4		350	30A	28A	15A			3A		
P590-37 * "NOT ATX"		300	23A	N/A		0.1A	0.5A	N/A		
P590-45AP4		450	45A	40A		10A	1A	2A		
P590-8A	-48VDC	250	25A		14A	N/A	0.5A	0.5A	1A	
P590-9A	+24VDC	250	25A	15A				1.0A	0.75A	
P590-12A	+12VDC	250	30A	22A	8A				0.72A	
P590-6ARP4	117/230 VAC	370	40A	20A	25A			0.5A	1.5A	
P590-8ARP4	-48VDC	300	30A		16A		1.0A			

### STANDARD CHASSIS

**Input Voltage**

117/230VAC Input Supplies:  
 90-132 or 180-264VAC,  
 47-63Hz, 1ø, Switch Selected  
 DC Input Supplies Available

**DC Outputs**

See Table

**Size**

PS/2, (5.9" L x 5.51"W x 3.38"H)

**Output Adjustment**

±10% on Main Output  
 (Usually +5V Supply)

**Holdup Time**

16ms min@115V

**Efficiency**

70% typical

**Operating Temperature**

All 0 to 50C except  
 P590-2A, 10 to 40C  
 P590-3A, 10 to 40C  
 P590-5R, 0 to 40C

**Storage Temperature**

-20 to +75C

**Operating Humidity**

20 to 85% RH

**Storage Humidity**

10 to 95% RH

**Safety Standards**

See Table for Agency Approvals

**EMI Standards**

\* for 735 & 743 Chassis Series



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