



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	Type	Input Voltage	DC OUTPUT RATINGS							PS Approval		
			Watts	+5V	+3.3V	+12V	-5V	-12V	+5VSB			
P590-5	PC Std	117/230 VAC	200	22A	ZERO	8A	0.5A	0.5A	ZERO	UL, CSA TUV		
P590-6			300	30A		12A						
P590-10			400	36A		10A					1A	1A
P590-37 *			300	23A		15A					0.1A	0.5A
P590-8			-48VDC	250		25A					10A	1A
P590-9	+24VDC							Pending				
P590-2A	ATX	117/230			14A		0.5A	0.5A	0.75A	UL, CSA TUV, CE		
P590-3A		VAC	300	30A		12A					1A	
P590-8A		-48VDC	250	25A		10A					0.5A	
P590-5R	PC Hot Swap	117/230	200 (400)	20A	ZERO				ZERO			
P590-5AR	ATX Hot Swap	VAC	250 (400)	30A	20A	14A			1A			

* for 728,735 & 743 Chassis Series

SPECIFICATIONS

Input Voltage

117/230VAC Input Supplies:

90-132 or 180-264VAC,
 47-63Hz, 1 ϕ , Switch Selected

-48VDC Input Supplies:

-40 to -57VDC

+24VDC Supplies:

+19 to +32VDC

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

FCC Class B, VDE



ORDERING GUIDE & PRICES

MODEL	TYPE	PRICE
P590-5	200W Std PC, 117/230VAC	\$95
P590-6	300W Std PC, 117/230VAC	\$125
P590-10	400W Std PC, 117/230VAC	\$150
P590-37	300W Std PC, 117/230 VAC (Drives only)	\$150
P590-8	250W Std PC, -48VDC	\$160
P590-9	250W Std PC, +24VDC	\$160
P590-2A	250W ATX, 117/230VAC	\$110
P590-3A	300W ATX, 117/230VAC	\$125
P590-8A	250W ATX, -48VDC	Contact Factory
P590-5R	200W PC Hot Swap, 117/230VAC	\$300
P590-5AR	250W ATX Hot Swap, 117/230VAC	\$320

Contact us for our full line power supply catalog