

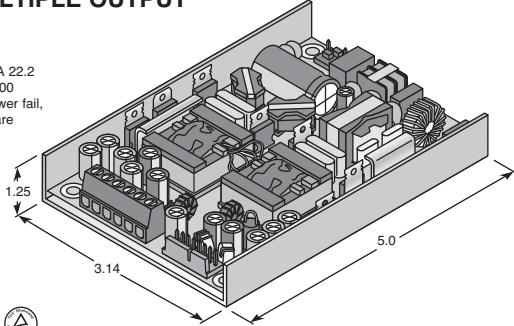
TAMURA Switching Power Supplies



TAMURA AAD SERIES, 130W AND 160W MULTIPLE OUTPUT

Specifications:

- AC input - 90-264VAC
- Input frequency: 47-63Hz
- UL 60950, 3rd Edition, CSA 22.2 No. 60950-00, EN60950-2000
- Includes remote sense, power fail, OVP, OCP and current share on V1 and V2
- Harmonic Distortion meets EN61000-3-2
- Compact size: 3.0" x 5.0" x 1.25"
- Efficiency 88% typical



DIMENSIONS: in.

For quantities of 25 and up, call for quote.

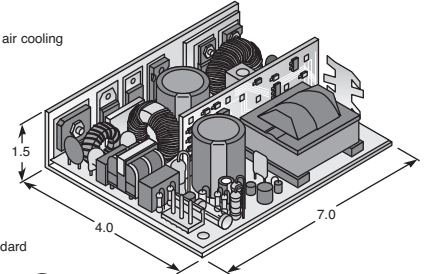
MOUSER STOCK NO.	Tamura Part No.	Output Voltage	Current (Amps)	Price Each		
				1	5	10
819-AAD130-3404A	AAD130-3404A	1 5V	14A	150.50	141.04	131.58
		2 +12V	5A			
		4 -12V	1.5A			
819-AAD130-3244A	AAD130-3244A	1 5V	14A	150.50	141.04	131.58
		2 3.3V	16A			
		3 +12V	1.5A			
		4 -12V	1.5A			
819-AAD130-3264A	AAD130-3264A	1 5V	14A	150.50	141.04	131.58
		2 3.3V	16A			
		3 +24V	1.5A			
		4 -12V	1.5A			
819-AAD130-3255A	AAD130-3255A	1 5V	14A	150.50	141.04	131.58
		2 3.3V	16A			
		3 +15V	1.5A			
		4 -15V	1.5A			
819-AAD160-3244-A	AAD160-3244-A	1 +5V	16A	161.00	150.88	140.76
		2 +3.3V	14A			
		3 +12V	3A			
		4 -12V	2A			
819-AAD160-3264-A	AAD160-3264-A	1 +5V	16A	154.00	144.32	134.64
		2 +3.3V	14A			
		3 +24V	1.75A			
		4 -12V	2A			
819-AAD160-3404-A	AAD160-3404-A	1 +5V	16A	161.00	150.88	140.76
		2 +12V	6A			
		4 -12V	2A			

TAMURA PAS250 SERIES, 250W SINGLE OUTPUT

The PAS Series provides passive power factor correction meeting Class A requirements in 1U high distributed architecture applications. Using advanced materials technology, the PAS Series uses fewer parts than competing PFC technologies. Units can be shared for 1+1 redundancy with no special interconnections. Features single wire current share and droop current share (field selectable).

Specifications:

- Unit is rated to 250W with 25cfm forced air cooling and 50% with convection cooling
- AC Input - 85-132/180-264VAC
- Input frequency: 47-63Hz
- Harmonic Distortion meets EN61000-3-2 for Class A
- Compact Size - 4.0" x 7.0" x 1.5"
- Efficiency up to 85% typical
- UL 60950, 3rd Edition, IEC 60950-1, CSA C22.2 NO. 60950-00, EN60950-1:2002
- Remote sense compensates for up to 250mV cable drop
- DC OK, OVP, Power fail, and OCP standard



DIMENSIONS: in.

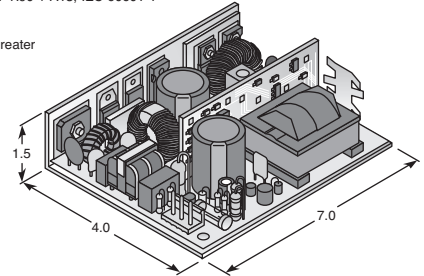
For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Tamura Part No.	Output Voltage	Load			Price Each		
			Min.	Conv.	Air	1	5	10
819-PAS250-4AG	PAS250-4AG	12V	0	10.5A	21A	147.00	137.76	128.52
819-PAS250-6AG	PAS250-6AG	24V	0	5.25A	10.5A	147.00	137.76	128.52
819-PAS250-9AG	PAS250-9AG	48V	0	2.75A	5.5A	147.00	137.76	128.52

TAMURA PAM250 SERIES, 250W SINGLE OUTPUT MEDICAL

Specifications:

- Unit is rated to 250W with 25cfm of air and 130W convection cooled
- AC input 85-132/180-264VAC
- Input frequency: 47-63Hz
- Includes OVP, OCP, DC OK and power fail as standard
- Harmonic Distortion meets EN61000-3-2 for Class A
- UL2601-1, CSA22.2 No. 601-1, EN60601-1:90 + A13, IEC 60601-1
- Compact size at 4.0" x 7.0" x 1.5"
- Efficiency to 85% typical
- Ripple/Noise 1% or 50mV whichever is greater



DIMENSIONS: in.

For quantities of 25 and up, call for quote.

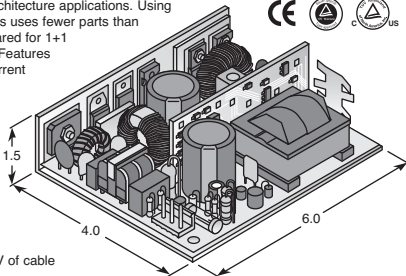
MOUSER STOCK NO.	Tamura Part No.	Output Voltage	Load			Price Each		
			Min.	Conv.	Air	1	5	10
819-PAM250-4	PAM250-4	12V	0	10.5A	21A	157.50	147.60	137.70
819-PAM250-6	PAM250-6	24V	0	5.25A	10.5A	157.50	147.60	137.70
819-PAM250-9	PAM250-9	48V	0	2.75A	5.5A	157.50	147.60	137.70

TAMURA PAS/PAM150 SERIES, 150W SINGLE OUTPUT

The PAS/PAM Series provides passive power factor correction meeting Class A requirements in 1U high distributed architecture applications. Using advanced materials technology, the PAS Series uses fewer parts than competing PFC technologies. Units can be shared for 1+1 redundancy with no special interconnections. Features include single wire current share and droop current share (field selectable).

Specifications:

- Unit is rated to 150W with 15cfm forced air cooling and 80W with convection cooling
- AC Input - 85-132/180-264VAC
- Input frequency: 47-63Hz
- Harmonic Distortion meets EN61000-3-2 for Class A
- Compact Size - 4.0" x 6.0" x 1.5"
- Efficiency up to 85% typical
- Remote sense compensates for up to 250mV of cable drop
- DCOK, OVP, PFC and Power fail standard



DIMENSIONS: in.

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Tamura Part No.	Output Voltage	Load			Price Each		
			Min.	Conv.	Air	1	5	10
819-PAS150-2AG	PAS150-2AG	3.3V	0	15A	30A	119.00	111.52	104.04
819-PAS150-3AG	PAS150-3AG	5V	0	15A	30A	119.00	111.52	104.04
819-PAS150-4AG	PAS150-4AG	12V	0	6.25A	12.5A	119.00	111.52	104.04
819-PAS150-5AG	PAS150-5AG	15V	0	5.25A	10.5A	119.00	111.52	104.04
819-PAS150-6AG	PAS150-6AG	24V	0	3.25A	6.5A	119.00	111.52	104.04
819-PAS150-9AG	PAS150-9AG	48V	0	1.75A	3.5A	119.00	111.52	104.04



Medical Version

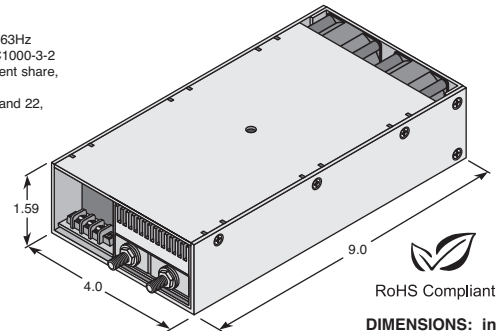
For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Tamura Part No.	Output Voltage	Load			Price Each		
			Min.	Conv.	Air	1	5	10
819-PAM150-4	PAM150-4	12V	0	6.5A	12.5A	136.50	127.92	119.34
819-PAM150-6	PAM150-6	24V	0	3.25A	6.5A	136.50	127.92	119.34
819-PAM150-9	PAM150-9	48V	0	1.7A	3.5A	136.50	127.92	119.34

TAMURA AAD600S SERIES, 600W SINGLE OUTPUT WITH POWER FACTOR CORRECTION

Specifications:

- Input voltage: 85-264VAC, 47-63Hz
- Harmonic distortion meets IEC1000-3-2
- DC OK, OVP, Single wire current share, AC power fail
- EMI filtering meets CISPR 11 and 22, FCC part 15 class B
- No minimum load
- Up to 92% efficiency
- Remote on/off
- Standby Power: 5VDC @ 1A
- RoHS compliant



RoHS Compliant

Other voltages available. Contact a Mouser Services Representative.

DIMENSIONS: in.

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Tamura Part No.	Output Voltage	Continuous Output	Price Each		
				1	5	10
819-AAD600S-4-P	AAD600S-4-P	12V	42A	411.25	385.40	359.55
819-AAD600S-6-P	AAD600S-6-P	24V	23A	411.25	385.40	359.55
819-AAD600S-9-P	AAD600S-9-P	48V	12.5A	411.25	385.40	359.55