

# PPS25A-1X/2X/3X

DESKTOP



## KEY FEATURES

- \* Universal input
- \* Built-in EMI filter
- \* Optional constant current charger
- \* Optional  $\pm 12\text{VDC}$  /  $\pm 24\text{VDC}$  /  $\pm 48\text{VDC}$  input
- \* Optional output cable and plug

## APPLICATIONS

- \* Telecommunications
- \* Computer peripherals
- \* Test & industrial equipments
- \* Medical instruments
- \* Business machines

## ELECTRICAL SPECIFICATIONS

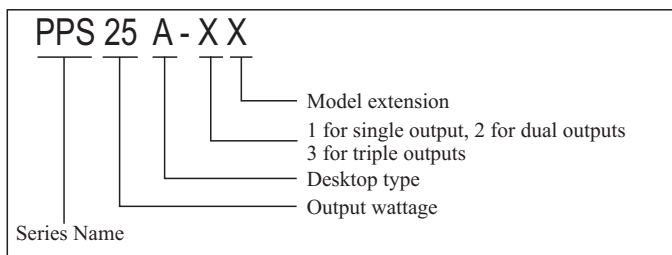
### INPUT

- \* Input range ----- 90 ~ 264 VAC, universal
- \* Frequency ----- 47 ~ 63Hz
- \* Inrush current ----- 40A Typ. Cold start @ 25°C, 115VAC
- \* Efficiency ----- 65%~80% typical at full load
- \* EMI filter ----- FCC Class B, CISPR 22 Class B, EN55022 class B
- \* Line regulation ----- +/- 0.5%

### OUTPUT

- \* Maximum power ----- 25W with 30CFM forced air (Refer to next page)
- \* Hold-up time ----- 10ms at full load and 115 VAC nominal line
- \* Overload protection -- Short circuit protection.
- \* Overvoltage protection ----- Main output 20% to 40% above nominal output
- \* Ripple/Noise ----- +/- 1% Max. @ full load (Optional +/- 0.5% per inquiry)

## ORDERING INFORMATION



## EMI & EMC

- \* FCC part 15, Class B
- \* CISPR 22 / EN55022, Class B
- \* VCCI, Class 2
- \* CE, EN61000-3-2 (Class A) and-3; EN61000-4-2, -3, -4, -5, -6 and -11

## SAFETY APPROVAL

- \* UL 1950 / cUL
- \* Optional CSA 22.2, LEVEL 3 (COMPLY WITH)
- \* TUV EN60950
- \* Optional UL 2601(EMI Class A) (COMPLY WITH)

## ENVIRONMENTAL

- \* Operating temperature: 0 to 40°C ambient; derate each output at 2% per degree from 40°C to 70°C
- \* Electromagnetic susceptibility: Designed to meet IEC 801 -2, -3, -4, -5, Level 3
- \* Humidity: Operating; non-condensing 5% to 95%
- \* Vibration: 10 ~ 55 Hz at 1G 3 minutes period, 30 minutes along X, Y and Z axis
- \* Storage temperature: -40 to 85°C
- \* Temperature coefficient: +/- 0.05% per degree C
- \* MTBF demonstrated: > 100,000 hours at full load and 25°C ambient conditions

# SWITCHING MODE 25W ADAPTERS

## OUTPUT SPECIFICATION

### PPS25A-1X

MODEL	OUTPUT CURRENT (A)								
	5V	12V	15V	24V	48V	36V	56V	3.3V	20V
PPS25A-10	5								
PPS25A-11		2.1							
PPS25A-12			1.7						
PPS25A-13				1.05					
PPS25A-14					0.52				
PPS25A-15						0.7			
PPS25A-17								5	

### NOTES

- \* 120% Peak current lasting < 30 seconds with a maximum 10% duty cycle.
- \* Specifications are for convection rating unless otherwise stated.
- \* Detailed engineering specification of each model is available for inquiry.
- \* Special output voltage inquiry is welcomed.
- \* Specifications subject to change without notice.

### PPS25A-2X

MODEL	OUTPUT CURRENT (A)								
	5V	12V	-5V	-12V	15V	-15V	24V	48V	3.3V
PPS25A-20	2.5	1.1							
PPS25A-22	2.5		2.5						
PPS25A-23		1.1		1.1					
PPS25A-24					0.9	0.9			

### PPS25A-3X

MODEL	OUTPUT CURRENT (A)								
	5V	12V	-5V	-12V	15V	-15V	24V	48V	3.3V
PPS25A-30	2.5	1	0.2						
PPS25A-31	2.5	1		0.1					
PPS25A-32	2.5				0.8	0.1			
PPS25A-33	3.3		0.3		0.5				
PPS25A-34	3.3			0.2	0.5				
PPS25A-35	3.3			0.3			0.3		
PPS25A-36	2	1		0.3					
PPS25A-37	2	1					0.2		
PPS25A-38	2	1						0.1	

## MECHANICAL DRAWING

