# Desktop

**Switch-mode Power Supplies** 

Total Power 45Watts Input Voltages 100-240 VAC Number of Outputs One

Product Specifications

ANZ#: 121, November 28, 2005

### SPECIAL FEATURES

- Universal AC input
- Compact small form-factor
- · Regulated output
- EMI filter built in
- OCP, OVP and short circuit protection

## **ENVIRONMENTAL**

MTBF:

0 to 40 ° C Operating temperature: -20 to 85 ° C Storage temperature: Humidity (Non-Condensing): 5% to 95% Cooling: Convection Vibration Frequency: 10 to 55 Hz

>50,000 Hours at full load and 25°C

ambient conditions

# ELECTRICAL SPECIFICATIONS

100 to 240 VAC, Full range Input range

Frequency 47 to 63 Hz

50.0 Amps maximum at any input range Inrush current 1.2Amps maximum at 115/230 input range Input current Efficiency 70% typical at 120VAC and maximum load EMI filtering FCC part 15J class B, CISPR 22 class B

45W Maximum power

Voltage regulation ±5% @constant voltage mode

Hold up time 10ms minimum at 120 VAC and 80% of rated load Overload protection Short circuit and overload Protection

protection: output short circuit, auto recovery

### SAFETY

UL, cUL, CE, CB, GS, PSE

ORDERING INFORMATION			
Model #	Output Voltage	Output Current	Remarks
GFP451DA-1238X	12V	3.8A	
GFP451DA-1530X	15V	3.0A	
GFP451DA-1638X	16V	2.8A	
GFP451DA-1923X	19V	2.3A	
GFP451DA-19A23X	19.5V	2.3A	
GFP451DA-2419X	24V	1.9A	

## MECHANICAL DRAWINGS

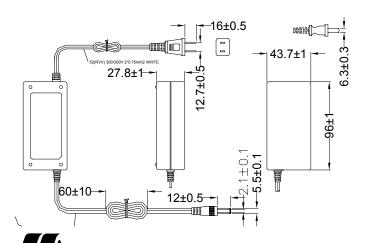
X = Type of AC input connector

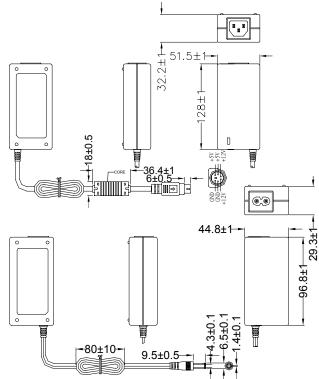
Blank – IEC320-C8 connector (Standard)

M – IEC320-C6 connector (optional)

L – SP-2 AC cord with plug (optional)

Standard DC output plug: 5.5 x 2.5 (central positive)





AGTECH INDUSTRIES CORP. 5625-A S. Arville, Las Vegas, NV 89118 Tel:702-364-9998 Fax: 702-364-1562 www.magtechind.com anz121