

## *PSA Series:*

### High Performance Regulated DC Power Supply



**CAT II  
600V**

### ***FEATURES***

- 0-30V Voltage Linearly Adjustment
- Low Noise And Ripple Less Than 0.3mV p-p
- Voltage, Current Pre-set Feature
- CV/CC Mode Automatic Change
- Auto Current Cut Off Protection (B and C models only)
- Fixed 5V/1A Output (C model only)
- Full Loading Continuous Operation Over 8 Hours
- Rugged Metal Cabinet
- 110V/220V AC power input switchable

## GERNERAL SPECIFICATION

Model Number	Maximum Current Output			Auto Current Cut Off Protection	Fixed Output DC5V/1A
	2A	3A	5A		
PSA30/5C			●	●	●
PSA30/5B			●	●	
PSA30/5A			●		
PSA30/3C		●		●	●
PSA30/3B		●		●	
PSA30/3A		●			
PSA30/2C	●			●	●
PSA30/2B	●			●	
PSA30/2A	●				

## OPERATION CONDITION

Environmental Condition: Operating altitude <2000m, pollution degree II

Input Voltage: 110V/220V AC±10% 50Hz

Fuse Protection: F1A/250V (2A output model)  
(Fast Blow Type) F1.6A/250V (3A output model)

Power Consumption: 120W (2A output model)  
180W (3A output model)  
300W (5A output model)

Operating Condition: Temperature: 0~40°C  
Relative Humidity\*: ≦80%RH

Storage Condition: Temperature: -10°C~70°C  
Relative Humidity\*: ≦80%RH

\*Non-condensing

## Technical Specification

Model	PSA30/5C	PSA30/3C	PSA30/2C
	PSA30/5B	PSA30/3B	PSA30/2B
	PSA30/5A	PSA30/3A	PSA30/2A
<b>Constant Voltage Mode (CV)</b>			
Voltage Range:	0 – 30V		
Line Effect:	$1 \times 10^{-4} + 2\text{mV}$	$5 \times 10^{-5} + 2\text{mV}$	
Loading Effect:	$1 \times 10^{-4} + 2\text{mV}$	$5 \times 10^{-5} + 2\text{mV}$	
Noise and Ripple:	0.5mV (rms)	0.3mV (rms)	
Temperature Coefficient	150ppm/°C		
<b>Constant Current Mode (CC)</b>			
Current Range	20mA to 5A	20mA to 3A	20mA to 2A
Line Effect:	$2 \times 10^{-4} + 2\text{mA}$		
Loading Effect:	5mA		
Temperature Coefficient:	500ppm/°C		
<b>Fixed 5V/1A Output Characteristic</b>			
Accuracy:	$\pm 1\%$		
Noise and Ripple (CV):	0.3mV (rms)		
<b>Display Accuracy</b>			
Analog Display:	3% of Full Scale		
Resume Time:	Less than 100 $\mu$ S		
<b>Mechanical Specification</b>			
Weight(kg):	7.2	5.6	4.0
Dimension(mm):	330x130x165	310x130x165	295x130x165

## Accessories

- Power cord
- Instruction manual
- Main connection cable
- Ground plate
- DC5V/1A connection cable (for grade C model only)
- Spare Fuse

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Due to our policy of continual product development we reserve the right to amend the specifications of all mentioned products without notice.