

# 200W Computer Power Series

## PSA-2054 PS2 Style-Remote AC Switch



### Features

- Variable speed fan option
- Improved reliability & performance
- New high efficiency design
- Class B EMI filter
- Low noise (<33db) fan
- Power fail/power good signal
- Overvoltage protection
- Short circuit protection

### Applications

- Personal computers
- Industrial computers
- File servers
- Network bridges

### Safety Approvals

- UL 1950 (E127643)
- CSA 22.2 234 (LR56927)
- VDE 0805 IEC 950 (72967)
- Nemko NEK-60950 (A97154)

### Mechanical Characteristics

- Dimensions:
- Length: 150mm (5.9in)
  - Width: 140mm (5.5in)
  - Height: 86mm (3.4in)
  - Weight: 2Kgs (3lbs 4.5oz.)

### Output Specifications

Model	DC Output Voltage	Load			Ripple P-P	Total Tolerance
		Min.	Max.	Peak		
PSA-2054C	+5V	3A	20A	23A	50mV	+5%
	+12V	1A	8A	9A	100mV	+5%
	-12V	0A	0.5A	0.5A	120mV	+10%
	-5V	0A	0.3A	0.3A	120mV	+10%

Switch Option: Suffix C: Push Button      CN: None, fastons only      CF: Variable speed fan only

# GREEN

# NET

# WORKS

# BETTER

ISO 9001 • BAPT • MITI  
Facility Approvals

## 200W Computer Power Series

### PSA-2054 PS2 Style-Remote AC Switch

#### Characteristics

##### Ac Input Voltage

90-132/180-264VAC  
Switch selectable

##### AC Frequency

47 to 63Hz

##### DC Output

See Chart

##### Efficiency

75% typical at full load,  
115/230VAC

##### Hold-up Time

16msec. at full load,  
115/230VAC

##### Power Good Signal

Open collector, 100-500ms delay

##### Power Fail

TTL signal falls 1msec minimum  
before +5 reaches 4.75V

##### Switching Frequency

100KHz nominal

##### Overvoltage Protection

5.6 to 7V on +5 output

##### Overcurrent Protection

All outputs have short circuit  
protection

##### Temperature Range

Operating: 0 to 40°C  
Storage: -40 to 70°C

##### Temperature Coefficient

+0.05%/°C

##### Insulation Resistance

7 Megohm minimum

##### MTBF

Calculated  
Greater than 150,000 hours,  
full load, 25°C, (MIL-HDBK-217)



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#### Dimension Diagram Unit: mm

