

200W Computer Power Series

PSA-2054 PS2 Style-Remote AC Switch



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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

ISO 9001 • BAPT • MITI
Facility Approvals

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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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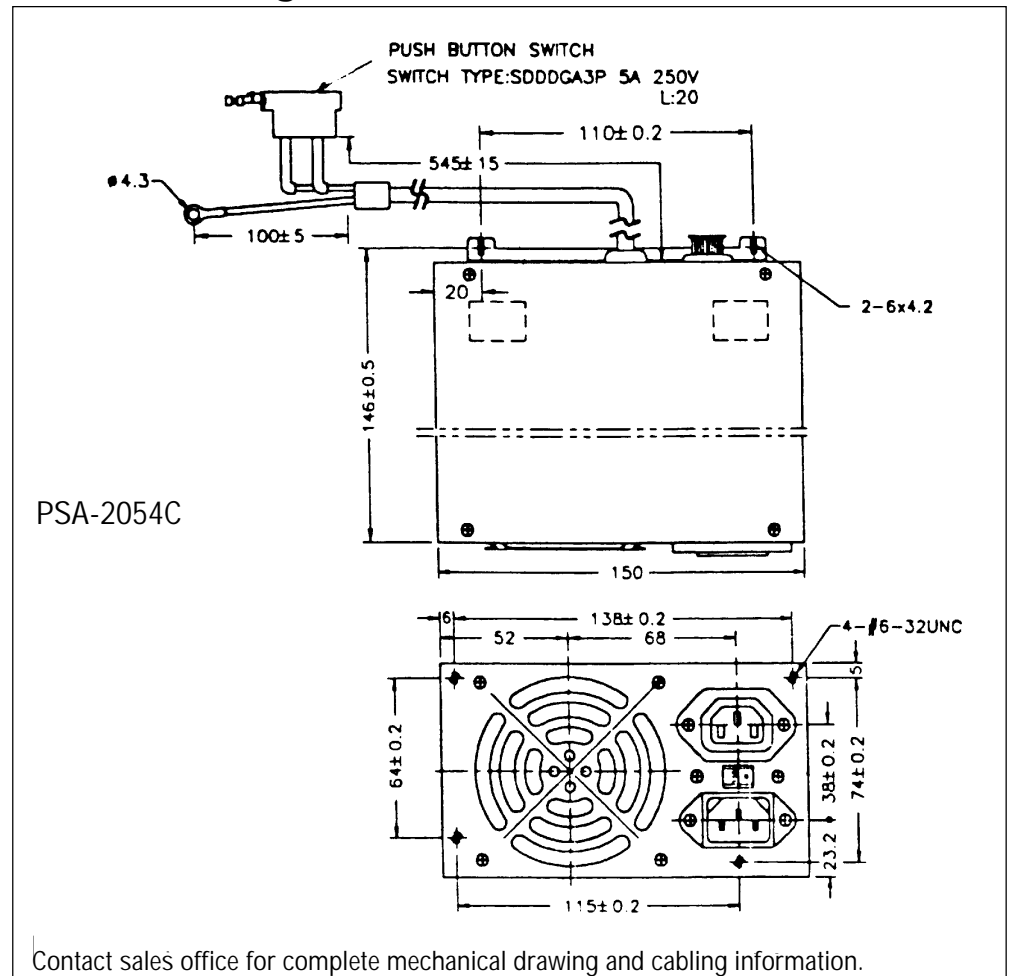
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Dimension Diagram Unit: mm



Contact sales office for complete mechanical drawing and cabling information.

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