



**PC POWER & COOLING®**

## *Silencer MkIII Series – Low Wattage 400 Watt ATX (MK3S400)*

Series Wattages:

**400** | 500 | 600

P/N: PPCMK3S400

UPC: 842024028246



**Dimension:** 150 mm x 86 mm x 160 mm (W x H x D) (5.9" x 3.4" x 6.3")

**Total Max Power:** 400 W @ 100 - 240Vac

### **Product Description:**

PC Power & Cooling Silencer Series 400 Watt, 80 Plus Bronze, Semi-Modular, Active PFC, Industrial Grade ATX PC Power Supply, 5 Year Warranty, PPCMK3S400

### **Product Overview:**

Drive your computer to the max on the back of PC Power & Cooling's flagship line of Silencer MkIII power supplies featuring rock solid and stable power with ultra-quiet operations. For over 3 decades, PC Power & Cooling has delivered unrivaled performance to our customers. Eliminate wire clutter by using our semi-modular cables.

### **What's Inside:**

The Silencer architecture balances the needs of enthusiasts and professionals by combining a powerful single +12V rail, 100% Japanese 105°C capacitors, continuous output at a demanding 50°C ambient temperature, and heavy-duty protection circuitries. The ultra-quiet operation gives Silencer its name. The MkIII varies the fan's RPM by load and temperature for whisper quiet operation. The Silencer MkIII series is 80 Plus Bronze certified allowing the PSU to operate at 85% efficiency to ease your energy costs.

### **Warranty**

Backed by our 5-year warranty, the Silencer MkIII is the ultimate power plant for your PC as you will enjoy strong, powerful, reliable and quiet operation while you drive your PC and its applications to the max.

### **Features:**

- ✓ Ease of installation
- ✓ 80-Plus Bronze Certified (85% Efficiency)
- ✓ 5-Year Warranty
- ✓ US Technical Support
- ✓ Temperature Range: Operating 0°C - 50°C
- ✓ 120mm ball-bearing fan, varies RPM by load and temperature for whisper quiet operation
- ✓ Active Power Factor Correction (PFC) to effectively regulate input voltage
- ✓ Single +12V rail for efficient power distribution in your system
- ✓ Premium Components with 100% Japanese 105°C Capacitors
- ✓ Semi-Modular Cable Configuration



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### Input Specifications:

Input voltage	100-240Vac Full Range
Input frequency	50-60 Hz
Input Current	7A (RMS) for 115VAC / 3.5A (RMS) for 230VAC
Power Factor	Active PFC

### Output Specifications:

Voltage	+3.3V	+5V	+12V	-12V	+5Vsb
Regulation	±5%	±5%	±5%	±5%	±5%
Max Load	20A	20A	30A	0.8A	2.5A
Ripple & Noise	50 mVp-p	50 mVp-p	120 mVp-p	120 mVp-p	50 mVp-p
Protection	OVP, OPP, SCP, UVP				

### Environmental specifications:

Temperature	Operating: 0 to 50-degree C, Storage: -40 to 85-degree C
Humidity	Operating: 20%-80%, Storage: 10%-95%
Cooling	120mm, ball bearing fan varies RPM by load and temperature for whisper quiet operation

### General specifications:

Hold-up time	16ms
Efficiency	at least 85% @ 50% load, 80 Plus Bronze
MTBF	100,000 hours
Output Connector	20+4-pin ATX, 4+4-pin CPU, 1 PCI-E, 6 SATA, 3 Peripheral, 1 Floppy
Warranty	5 years
Languages	English, German, Spanish, French, Italian, Russian, Japanese, Chinese

### Packaging and Accessories:

Accessories	Product Manual, 4 x Mounting Screws, 18AWG Power Cord, 10 x Nylon Cable Ties, Case Badge, Cable Pouch	
Product Weight (W/Cables)	Retail Package Weight	Master Case Weight (5 per)
2.15kg (4.74 lbs)	2.48 kg (5.45 lbs)	13.18 kg (29.05 lb)
Retail Package Dimensions	300mm x 192mm x 133mm, (11.8" x 7.5" x 5.25")	

### Safety & regulations



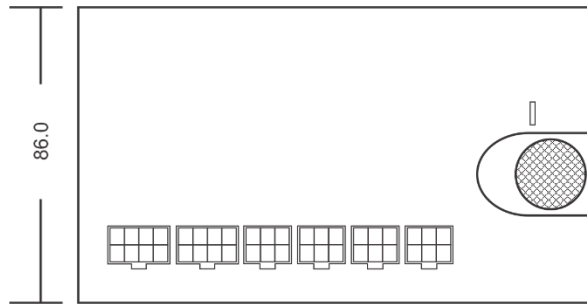
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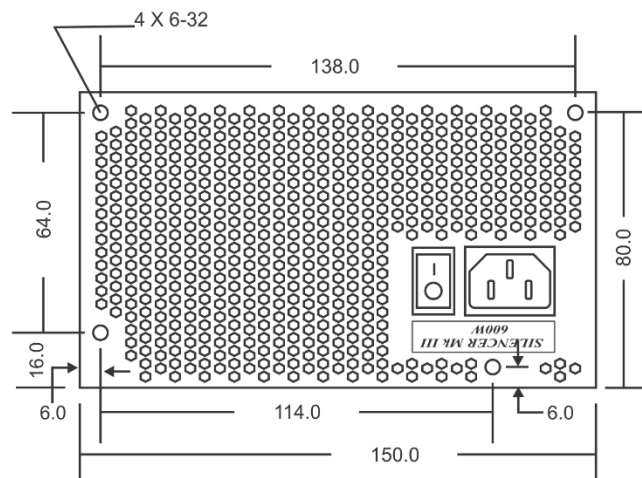
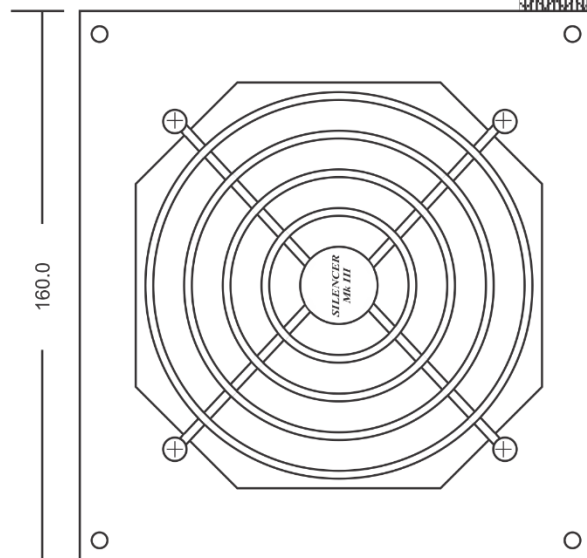
UPC: 842024028246



ALL CASE MEASUREMENTS ARE IN mm

5.9" X 3.4" X 6.3" (W X H X D)

ALL WIRE LENGTHS ARE IN INCHES



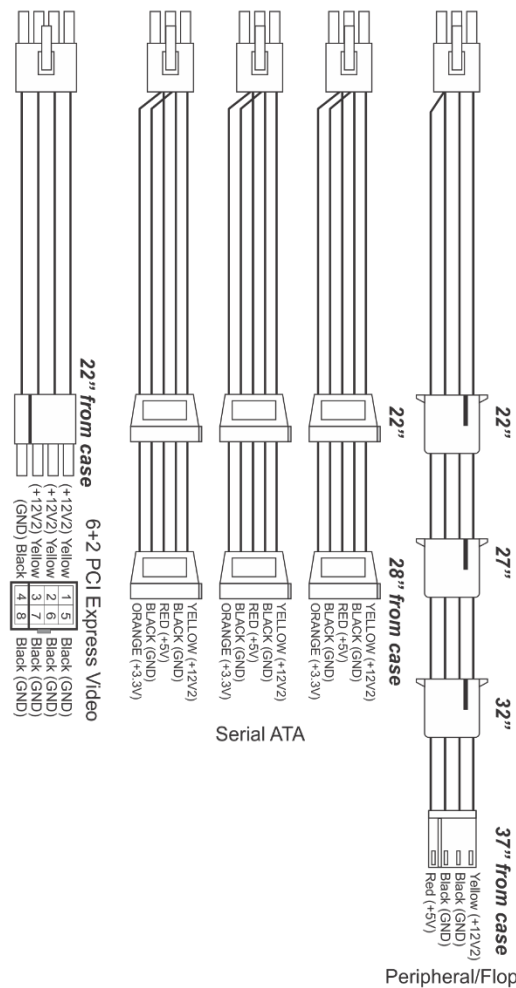
### 23" from case 4+4 CPU Power

(GND) Black	1 5	Yellow (+12V)
(GND) Black	2 6	Yellow (+12V)
(GND) Black	3 7	Yellow (+12V)
(GND) Black	4 8	Yellow (+12V)

### 22" from case 20+4 Motherboard Power

(+3.3V) Orange	1 13	Orange (+3.3V)
(+3.3V) Orange	2 14	Blue (-12V)
(GND) Black	3 15	Black (GND)
(+5V) Red	4 16	Green (PS-ON)
(GND) Black	5 17	Black (GND)
(+5V) Red	6 18	Black (GND)
(GND) Black	7 19	Black (GND)
(PG) Gray	8 20	Not Used
(+5VSB) Violet	9 21	Red (+5V)
(+12V1) Yellow	10 22	Red (+5V)
(+12V1) Yellow	11 23	Red (+5V)
(+3.3V) Orange	12 24	Black (GND)

### Flat Ribbon Modular Connectors



22" from case 6+2 PCI Express Video

1 5	Black (GND)
2 6	Black (GND)
3 7	Black (GND)
4 8	Black (GND)
5 9	Yellow (+12V2)
6 10	Yellow (+12V2)
7 11	Yellow (+12V2)
8 12	Black (GND)

22" from case Serial ATA

1 13	Yellow (+12V2)
2 14	Black (GND)
3 15	Red (+5V)
4 16	Black (GND)
5 17	Orange (+3.3V)

28" from case Serial ATA

1 13	Yellow (+12V2)
2 14	Black (GND)
3 15	Red (+5V)
4 16	Black (GND)
5 17	Orange (+3.3V)

Peripheral/Floppy



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**Gallery:**

