

PS8-500ATX

80 Plus Bronze 500W PS/2 Single Power Supply

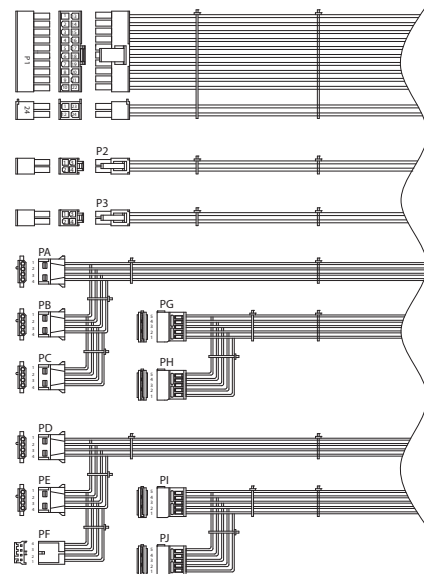
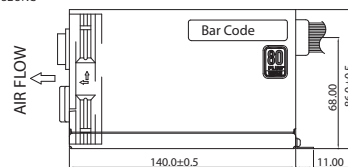
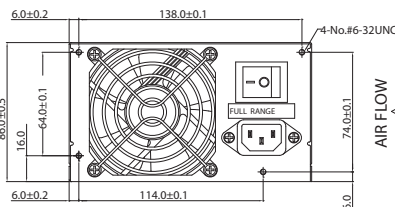
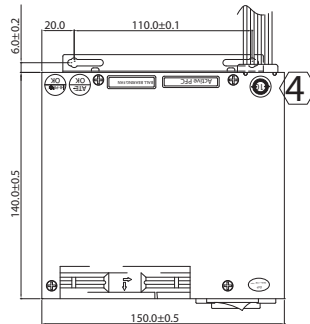
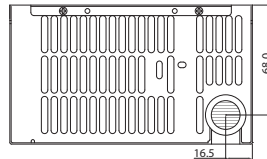


Input	Voltage	90 ~ 264 V _{AC}			
	Frequency	47 ~ 63 Hz			
	Input Current	8 Amp R.M.S Max. @ 115 V _{AC} full load 4 Amp R.M.S Max. @ 230 V _{AC} full load			
Output	Voltage	Min. load (A)	Max. load (A)	Ripple & Noise (mVp-p)	
	+3.3 V	0.1	24.0	50	
	+5 V	0.2	20.0	50	
	+12 V ₁	0.1	16.0	120	
	+12 V ₂	0.5	16.0	120	
	-5 V	0	0.3	50	
	-12 V	0	0.5	120	
	+5 Vsb	0	3.0	50	
OVP	+5 V : 5.5 V to 6.82 V +12 V ₁ & +12 V ₂ : 13.4 V to 15.6 V +3.3 V : 3.5 V to 4.5 V				
OCP	+3.3 V, +5 V, +12 V ₁ , +12 V ₂ , with OCP function				
General Spec.	Watt	500 W			
	PFC	Active			
	MTBF	100,000 hours			
	Temperature	Operating : 0 to 50° C			
		Non-Operating : -20 to 80° C			
	Humidity	Operating : Operating : 85% RH, non-condensing			
		Non-Operating : 95% RH, non-condensing			
	Dimension	86 x 150 x 140 mm (3.39" x 5.91" x 5.51")			
	Output Connector	20+4P ATX *1			
		PATA *6			
FDD *1					
SATA *2					
4P 12V *2					
8P 12V *2					

Dimensions

Unit: mm

REF. NO.	SIGNAL	WIRE COLOR	WIRE GAUGE	CONNECTOR TYPE	CABLE LENGTH
P1 / 24	1	+3.3VDC	ORANGE	18	500±15mm
	2	+5 VDC	BLACK	18	
	3	COM	BLACK	18	
	4	+5VDC	RED	18	
	5	COM	BLACK	18	
	6	+5VDC	RED	18	
	7	COM	BLACK	18	
	8	PW-ON	GRAY	22	
	9	PS-ON	PURPLE	18	
	10	+12V2	YELLOW	18	
	11	+12V2	YELLOW	18	
	12	+3.3VDC	ORANGE	18	
	13	+3.3VDC	ORANGE	18	
	14	PS-ON	BROWN	22	
	15	+5VDC	BLUE	18	
	16	COM	BLACK	18	
	17	PS-ON	GREEN	22	
	18	COM	BLACK	18	
	19	COM	BLACK	18	
	20	-5V	WHITE	22	
	21	+5VDC	RED	18	
	22	+5VDC	RED	18	
	23	+5VDC	RED	18	
	24	COM	BLACK	18	
P2	1	COM	BLACK	18	MOLEX 38-01 20pin
	2	COM	BLACK	18	
	3	+12V1	RED/BLACK	18	
P3	4	+12V1	RED/BLACK	18	AMP 48042-0
	5	+5V	RED	18	
PA	1	+12V1	RED/BLACK	18	AMP 48042-0
	2	COM	BLACK	18	
PB	1	+12V1	RED/BLACK	18	AMP 48042-0
	2	COM	BLACK	18	
PC	1	+5V	RED	18	AMP 48042-0
	2	COM	BLACK	18	
PD	1	+12V2	YELLOW	18	AMP 48042-0
	2	COM	BLACK	18	
PE	1	+5V	RED	18	AMP 48042-0
	2	COM	BLACK	18	
PF	1	+12V2	YELLOW	18	AMP 48042-0
	2	COM	BLACK	18	
PG	1	+3.3VDC	ORANGE	18	MOLEX 50-0179-0
	2	COM	BLACK	18	
PI	1	+3.3V	RED	18	001
	2	COM	BLACK	18	
PJ	1	+3.3VDC	ORANGE	18	MOLEX 50-0179-0
	2	COM	BLACK	18	



Ordering Information

Part Number	Description
PS8-500ATX-ZE	80 Plus Bronze 500W PS/2 Single Power Supply