

# PS8-500ATX

**80 Plus Bronze 500W  
PS/2 Single Power Supply**



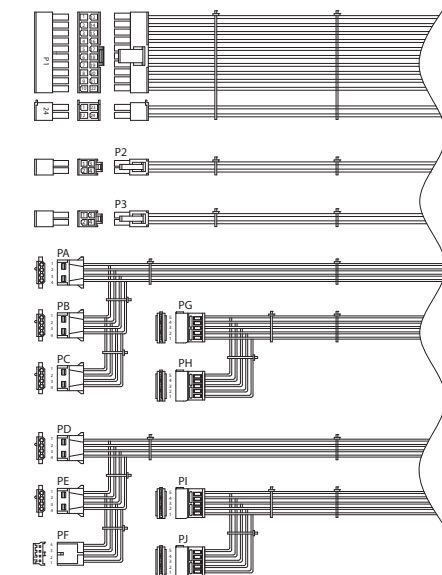
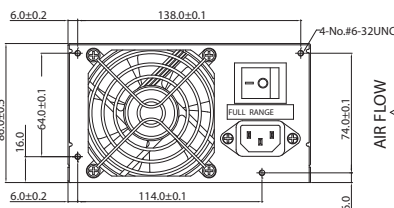
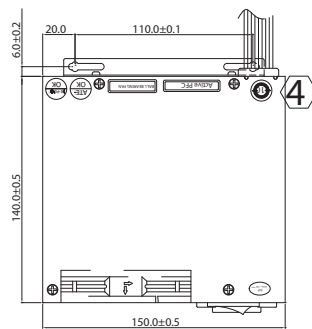
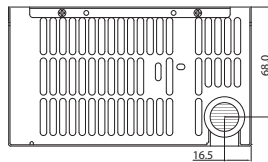
Input	Voltage	90 ~ 264 V <sub>AC</sub>	
	Frequency	47 ~ 63 Hz	
	Input Current	8 Amp R.M.S Max. @ 115 V <sub>AC</sub> full load 4 Amp R.M.S Max. @ 230 V <sub>AC</sub> full load	
Output		+3.3 V @ 24 A (0.1 A min)	
		+5 V @ 20 A (0.2 A min)	
		+12 V1 @ 16 A (0.1 A min)	
		+12 V2 @ 16 A (0.5 A min)	
		-12 V @ 0.5 A	
		-5 V @ 0.3 A +5 Vsb @ 3 A	
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. ID.	PN	SYMBOL	WIRE	GAUGE	CONNECTOR	CABLE LENGTH
P1 / 24	1	+3.3VDC	ORANGE	18	WST	900±15mm
	2	+3.3VDC	ORANGE	18	W20	1400±10±
	3	COM	BLACK	18	PH	1400±10±
	4	+5VDC	RED	18	PH	1400±10±
	5	COM	BLACK	18	PH	1400±10±
	6	+5VDC	RED	18	PH	1400±10±
	7	COM	BLACK	18	PH	1400±10±
	8	PS-ON	GRAY	22	PH	1400±10±
	9	+5VSB	PURPLE	18	PH	1400±10±
	10	+12V2	YELLOW	18	PH	1400±10±
	11	+12V2	YELLOW	18	PH	1400±10±
	12	+3.3VDC	ORANGE	18	PH	1400±10±
	13	+3.3VDC	ORANGE	18	PH	1400±10±
P2	1	+12V1	BROWN	22	PH	1400±10±
	2	COM	BLACK	18	PH	1400±10±
	3	+5V	WHITE	22	PH	1400±10±
	4	COM	BLACK	18	PH	1400±10±
P3	1	+5VDC	RED	18	PH	1400±10±
	2	COM	BLACK	18	PH	1400±10±
	3	+5VDC	RED	18	PH	1400±10±
	4	COM	BLACK	18	PH	1400±10±
PA	1	COM	BLACK	18	MOLEX	900±15mm
	2	COM	BLACK	18	39-01-2040	900±15mm
	3	+12V1	RED	18	39-01-2040	900±15mm
	4	+12V1	RED	18	39-01-2040	900±15mm
PB	1	+12V1	RED	18	AMP	400±15mm
	2	COM	BLACK	18	1480±2.0	400±15mm
	3	COM	BLACK	18	1480±2.0	400±15mm
	4	+5V	RED	18	1480±2.0	400±15mm
PC	1	+12V2	YELLOW	18	AMP	200±10mm
	2	COM	BLACK	18	1480±2.0	200±10mm
	3	COM	BLACK	18	1480±2.0	200±10mm
	4	+5V	RED	18	1480±2.0	200±10mm
PD	1	+12V2	YELLOW	18	AMP	400±15mm
	2	COM	BLACK	18	1480±2.0	400±15mm
	3	COM	BLACK	18	1480±2.0	400±15mm
	4	+5V	RED	18	1480±2.0	400±15mm
PE	1	+12V2	YELLOW	18	AMP	200±10mm
	2	COM	BLACK	18	1480±2.0	200±10mm
	3	COM	BLACK	18	1480±2.0	200±10mm
	4	+5V	RED	18	1480±2.0	200±10mm
PF	1	+12V2	YELLOW	18	AMP	200±10mm
	2	COM	BLACK	18	1718±2.4	200±10mm
	3	COM	BLACK	18	1718±2.4	200±10mm
	4	+12V2	YELLOW	18	1718±2.4	200±10mm
PG	1	+3.3VDC	ORANGE	18	MOLEX	400±15mm
	2	COM	BLACK	18	39-01-2040	400±15mm
	3	+5V	RED	18	39-01-2040	400±15mm
	4	COM	BLACK	18	39-01-2040	400±15mm
PI	1	+12V2	YELLOW	18	MOLEX	400±15mm
	2	COM	BLACK	18	39-01-2040	400±15mm
	3	+5V	RED	18	39-01-2040	400±15mm
	4	COM	BLACK	18	39-01-2040	400±15mm
PJ	1	+3.3VDC	ORANGE	18	MOLEX	200±10mm
	2	COM	BLACK	18	39-01-2040	200±10mm
	3	+5V	RED	18	39-01-2040	200±10mm
	4	COM	BLACK	18	39-01-2040	200±10mm



## Ordering Information

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