

PS8-700ATX

80 Plus Bronze 700W PS/2 Single Power Supply



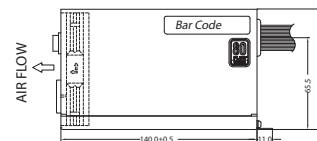
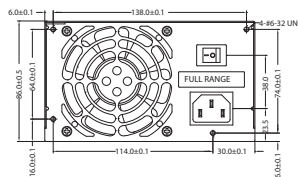
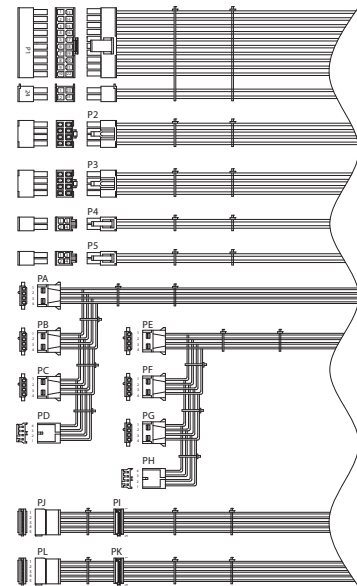
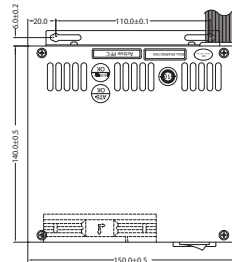
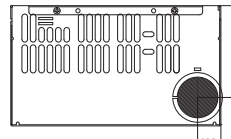
Input	Voltage	90 ~ 264 V _{AC}		
	Frequency	47 ~ 63 Hz		
	Input Current	12 Amp R.M.S Max. @ 115 V _{AC} full load 6 Amp R.M.S Max. @ 230 V _{AC} full load		
Output	Voltage	Min. load (A)	Max. load (A)	Ripple & Noise (mVp-p)
	+3.3 V	1.5	24.0	50
	+5 V	1.0	30.0	50
	+12 V ₁	1.0	16.0	120
	+12 V ₂	1.0	16.0	120
	+12 V ₃	1.0	16.0	120
	+12 V ₄	0.5	16.0	120
	-5 V	0	0.5	50
	-12 V	0	0.5	120
	+5 Vsb	0.1	4.0	50
OVP	+5 V : 5.7 V to 6.5 V +12 V ₁ ~ +12 V ₄ : 13.3 V to 16.7 V +3.3 V : 3.9 V to 4.5 V			
	OCP	+3.3 V, +5 V, +12 V ₁ ~ +12 V ₄ , with OCP function		
General Spec.	Watt	700 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")		
		20+4P ATX *1 PATA *6 FDD *2 SATA *2 4P 12V *2 8P 12V *2		
	Output Connector			

Dimensions

Unit: mm

Ref. no.	Pin	Signal	Wire Color	Gauge	Connector Type	Cable Length
P1 / 24	1	+3.3VDC	ORANGE	18	WPT	500±15mm
	2	+3.3VDC	ORANGE	18	PSD	
	3	COM	BLACK	18	MS000110D	
	4	+5VDC	RED	18	PA	
	5	COM	BLACK	18	MS000110D	
	6	+5VDC	RED	18	PC	
	7	COM	BLACK	18	PC	
	8	PS-ON	GREEN	22	PC	
	9	+5Vsb	PURPLE	18	PD	
	10	+12V ₁	YELLOW	18	PD	
	11	+12V ₂	YELLOW	18	PD	
	12	+3.3VDC	ORANGE	18	PE	
	13	+3.3VDC	ORANGE	18	PE	
	14	+12V ₃	YELLOW	18	PE	
	15	COM	BLACK	18	PE	
	16	PS-ON	GREEN	22	PF	
	17	COM	BLACK	18	PF	
	18	COM	BLACK	18	PG	
	19	COM	BLACK	18	PG	
	20	+5VDC	RED	18	PH	
	21	+5VDC	RED	18	PH	
	22	+5VDC	RED	18	PH	
	23	+5VDC	RED	18	PH	
24	COM	BLACK	18	PH		
P2	1	COM	BLACK	18	MOLEX 39-01-2000	500±15mm
	2	COM	BLACK	18	MOLEX 39-01-2000	
	3	COM	BLACK	18	MOLEX 39-01-2000	
	4	COM	BLACK	18	MOLEX 39-01-2000	
	5	+12V ₁	YELLOW	18	MOLEX 39-01-2000	
P3	1	+12V ₂	YELLOW	18	MOLEX 39-01-2000	500±15mm
	2	COM	BLACK	18	MOLEX 39-01-2000	
	3	COM	BLACK	18	MOLEX 39-01-2000	
	4	+12V ₃	YELLOW	18	MOLEX 39-01-2000	
	5	+12V ₄	YELLOW	18	MOLEX 39-01-2000	
P4	1	COM	BLACK	18	MOLEX 39-01-2000	500±15mm
	2	COM	BLACK	18	MOLEX 39-01-2000	
P5	1	+12V ₁	YELLOW	18	MOLEX 39-01-2000	500±15mm
	2	+12V ₂	YELLOW	18	MOLEX 39-01-2000	
PK	1	+3.3VDC	ORANGE	18	MOLEX 39-01-2000	500±15mm
	2	COM	BLACK	18	MOLEX 39-01-2000	
	3	+5V	RED	18	MOLEX 39-01-2000	
	4	COM	BLACK	18	MOLEX 39-01-2000	
	5	+12V ₁	YELLOW	18	MOLEX 39-01-2000	
PJ	1	+3.3VDC	ORANGE	18	MOLEX 39-01-2000	150±10mm
	2	COM	BLACK	18	MOLEX 39-01-2000	
	3	+5V	RED	18	MOLEX 39-01-2000	
	4	COM	BLACK	18	MOLEX 39-01-2000	
PL	1	+3.3VDC	ORANGE	18	MOLEX 39-01-2000	150±10mm
	2	COM	BLACK	18	MOLEX 39-01-2000	
	3	+5V	RED	18	MOLEX 39-01-2000	
	4	COM	BLACK	18	MOLEX 39-01-2000	
	5	+12V ₁	YELLOW	18	MOLEX 39-01-2000	

Ref. no.	Pin	Signal	Wire Color	Gauge	Connector Type	Cable Length
PA	1	+12V ₁	YELLOW	18	AMP 480424-0	500±15mm
	2	COM	BLACK	18	AMP 480424-0	
	3	COM	BLACK	18	AMP 480424-0	
	4	+5V	RED	18	AMP 480424-0	
PB	1	+12V ₂	YELLOW	18	AMP 171822-4	200±10mm
	2	COM	BLACK	18	AMP 171822-4	
	3	COM	BLACK	18	AMP 171822-4	
	4	+5V	RED	18	AMP 171822-4	
PC	1	+12V ₃	YELLOW	18	AMP 480424-0	200±10mm
	2	COM	BLACK	18	AMP 480424-0	
	3	COM	BLACK	18	AMP 480424-0	
	4	+5V	RED	18	AMP 480424-0	
PD	1	+12V ₄	YELLOW	18	AMP 171822-4	200±10mm
	2	COM	BLACK	18	AMP 171822-4	
	3	COM	BLACK	18	AMP 171822-4	
	4	+5V	RED	18	AMP 171822-4	
PE	1	+12V ₁	YELLOW	18	AMP 480424-0	500±15mm
	2	COM	BLACK	18	AMP 480424-0	
	3	COM	BLACK	18	AMP 480424-0	
	4	+5V	RED	18	AMP 480424-0	
PF	1	+12V ₂	YELLOW	18	AMP 480424-0	200±10mm
	2	COM	BLACK	18	AMP 480424-0	
	3	COM	BLACK	18	AMP 480424-0	
	4	+5V	RED	18	AMP 480424-0	
PG	1	+12V ₃	YELLOW	18	AMP 171822-4	200±10mm
	2	COM	BLACK	18	AMP 171822-4	
	3	COM	BLACK	18	AMP 171822-4	
	4	+5V	RED	18	AMP 171822-4	
PH	1	+12V ₄	YELLOW	18	AMP 480424-0	200±10mm
	2	COM	BLACK	18	AMP 480424-0	
	3	COM	BLACK	18	AMP 480424-0	
	4	+5V	RED	18	AMP 480424-0	



Ordering Information

Part Number	Description
PS8-700ATX-ZE	80 Plus Bronze 700W PS/2 Single Power Supply