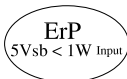


ACE-A130B

300W PS/2 ATX Power Supply with ErP



Specifications

Input	Voltage	90~264 VAC Full Range			
	Frequency	47~63Hz			
	Input current	6A(RMS)@115VAC, 3A(RMS)@230VAC			
	Inrush current	80A max for 115VAC, 160A max for 230VAC			
Output	Voltage	Min. load	Max. load	Ripple & Noise	
	+3.3V	0.3A	19.0A	50mV	
	+5V	0.5A	16.0A	50mV	
	+12V1	0.5A	17.0A	120mV	
	+12V2	0.5A	17.0A	120mV	
	-12V	0A	0.3A	120mV	
	+5VSB	0.1A	3A	50mV	
	-5V	0A	0.2A	100mV	
	Total combined output of +3.3V and +5V is ≤105W				
	Total output for this subject power supply is 300 watts				
Over voltage protection	+3.3V: 3.7V-4.8V				
	+5V: 5.7V-7.0V +12V1 and +12V2: 13.3V-16V				
Short circuit protection	+3.3V, +5V, +12V shutdown and latch off				
General Specifications	Watt	300W			
	PFC	Active			
	Hold-up time	13 ms Min.			
	Efficiency	85%			
	MTBF	100000 hours			
	Temperature	Operating: -5°C ~ 50°C Storage: -40°C ~ 70°C			
	Dimensions	140 x 150 x 86 (mm)			
	Output connector	1 x 20-pin ATX, 1 x 4-pin 12V CPU, 6 x HDD/CDROM, 1 x FDD, 1 x Extra +5V (P10), 2 x SATA			

Ordering Information

Part No.	Description
ACE-A130B-R10	300W AC-DC PS/2 ATX Power Supply with ErP/PFC, Meet 80 PLUS (Bronze)
ACE-A130B-S-R10	300W AC-DC PS/2 ATX Power Supply with ErP/PFC & on/off switch, Meet 80 PLUS(Bronze)

Dimensions (Unit: mm)

REF. ID.	PIN NO.	SIGNAL	WIRE COLOR	CABLE LENGTH
P1	1	+3.3VDC	ORANGE	500±15mm
	2	+3.3VDC	ORANGE	
	3	COM	BLACK	
	4	+5VDC	RED	
	5	COM	BLACK	
	6	+5VDC	RED	
	7	COM	BLACK	
	8	PW-OK	GRAY	
	9	+5Vsb	PURPLE	
	10	+12V1	YELLOW	
	11	+3.3VDC	ORANGE	
	12	+3.3V sense	BROWN	
	13	-12VDC	BLUE	
	14	COM	BLACK	
	15	PS-ON	GREEN	
	16	COM	BLACK	
	17	COM	BLACK	
P2	1	COM	BLACK	500±15mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+3.3VDC	ORANGE	
P3	1	COM	BLACK	500±15mm
	2	COM	BLACK	
	3	+12V2	YEL/BLACK	
	4	+12V2	YEL/BLACK	

REF. ID.	PIN NO.	SIGNAL	WIRE COLOR	CABLE LENGTH
PA	1	+3.3VDC	ORANGE	400±15mm
	2	COM	BLACK	
	3	+5V	RED	
	4	COM	BLACK	
	5	+12V2	YEL/BLACK	
PB	1	+3.3VDC	ORANGE	200±10mm
	2	COM	BLACK	
	3	+5V	RED	
	4	COM	BLACK	
	5	+12V2	YEL/BLACK	
PC	1	+12V1	YELLOW	400±15mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PD	1	+12V1	YELLOW	200±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PE	1	+5V	RED	200±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+12V1	YELLOW	

Top view dimensions: 16.5, 68.0, 16.5, 110.0±0.1, 20.0, 6.0±0.2, 140.0±0.5, 150.0±0.5

Front view dimensions: 6.0±0.2, 138.0±0.1, 4-No.#6-32UNC, 86.0±0.5, 16.0, 64.0±0.1, 74.0±0.1, 6.0, 114.0±0.1

Side view dimensions: 140.0±0.5, 11.00, 68.00, 86.0±0.5

Other labels: AIR FLOW, Bar Code, ACE-A130A 100 VAC TO 240 VAC Input

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