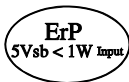


ACE-A140A

400W PS/2 ATX Power Supply with ErP



Ordering Information

Part No.	Description
ACE-A140A-R10	400W AC-DC PS/2 ATX Power Supply with ErP, Meet 80 PLUS (Bronze)
ACE-A140A-S-R10	400W PS/2 ATX Power Supply with ErP & on/off switch, Meet 80 PLUS (Bronze)

Specifications

Input	Voltage	90~264 VAC Full Range		
	Frequency	47~63Hz		
	Input Current	6A (RMS)@115VAC, 3A (RMS)@230VAC		
	Inrush Current	65A max for 115VAC 147A max for 230VAC		
Output	Voltage	Min. load	Max. load	Ripple & Noise
	+3.3V	0.1A	21.0A	50mV
	+5V	0.2A	20.0A	50mV
	+12V1	0.1A	16.0A	120mV
	+12V2	0.5A	16.0A	120mV
	-12V	0A	0.5A	120mV
	-5V	0A	0.3A	50mV
	+5VSB	0A	3.0A	50mV
	The +3.3V and +5V total output shall not exceed 130watts. Total output for this subject power supply is 400 watts.			
Over Voltage Protection	+3.3V: 3.5V-4.5V			
	+5V: 5.5V-6.82V +12V1 and +12V2: 13.4V-15.6V			
Short Circuit Protection	+3.3V, +5V, +12V or -12V shutdown and latch off			
General Specifications	Watt	400W		
	PFC	Active		
	Hold-up Time	17 ms Min.		
	Efficiency	85%		
	MTBF	100000 hours		
	Temperature	Operating: -5°C ~ 50°C Storage: -20°C ~ 80°C		
	Dimensions	140x150x86(mm)		
	Output Connector	1 x 20-pin ATX, 1 x 4-pin 12V CPU, 8 x HDD/CDROM, 2 x FDD, 1 x Extra +5V (P10)		

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	+12V2	YELLOW	
	11	+3.3VDC	ORANGE	
	12	+5Vsb	BROWN	
	13	-12VDC	BLUE	
	14	COM	BLACK	
	15	PS-ON	GREEN	
	16	COM	BLACK	
	17	COM	BLACK	
	18	-5V	WHITE	
	19	+5VDC	RED	
	20	+5VDC	RED	
P2	1	COM	BLACK	500±15mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+3.3VDC	ORANGE	
	5	+3.3VDC	ORANGE	
	6	+5VDC	RED	
P3	1	COM	BLACK	500±15mm
	2	COM	BLACK	
	3	+12V1	Yel/Black	
	4	+12V1	Yel/Black	
PA	1	+12V2	YELLOW	400±15mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PB	1	+12V2	YELLOW	200±10mm
	2	COM	BLACK	
	3	COM	BLACK	
PC	1	+5V	RED	200±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+12V2	YELLOW	
PD	1	+5V	RED	200±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+12V1	Yel/Black	
PE	1	+12V1	Yel/Black	400±15mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PF	1	+12V2	YELLOW	200±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PG	1	+5V	RED	200±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+12V2	YELLOW	
PH	1	+12V1	Yel/Black	400±15mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PI	1	+12V1	Yel/Black	200±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PJ	1	+5V	RED	200±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+12V1	Yel/Black	

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