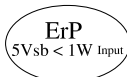


PS/2 AC Input ATX Type

ACE-A160A

600W PS/2 ATX Power Supply with ErP



Ordering Information

Part No.	Description
ACE-A160A-R11	600W AC-DC PS/2 ATX Power Supply with ErP, meets 80 PLUS (Bronze)

Specifications

Input	Voltage	90~265 VAC Full Range		
	Frequency	47 Hz ~ 63 Hz		
	Input Current	10A (RMS)@115VAC, 5A (RMS)@230VAC		
	Inrush Current	40A max. for 115VAC 80A max. for 230VAC		
Output	Voltage	Min. load	Max. load	Ripple & Noise
	+3.3V	1.5 A	25 A	50mV
	+5V	1 A	25 A	50mV
	+12V1	1 A	16 A	120mV
	+12V2	1 A	16 A	120mV
	+12V3	1 A	16 A	120mV
	+12V4	0.5 A	16 A	120mV
	-12V	0 A	0.5 A	120mV
	+5VSB	0 A	4.0 A	50mV
	Maximum continuous combined load on +3.3VDC and +5VDC outputs shall not exceed 150W.			
Maximum continuous total DC output power should not exceed 600W				
Over Voltage Protection	5V: 5.7V-6.5V 12V1 ~ 12V4: 13.3V-16.7V 3.3V: 3.9V-4.5V			
	Short Circuit Protection			
+3.3V, +5V, +12V1, +12V2, +12V3, +12V4, 24V or -12V shutdown and latch off				
General Specifications	Watt	600W		
	PFC	Active		
	Hold-up Time	16 ms min.		
	Efficiency	85%		
	MTBF	100,000 hours		
	Temperature	Operating: -5°C ~ 50°C Storage: -40°C ~ 80°C		
	Dimensions (mm)	140 x 150 x 86		
	Output Connector	1 x 20+4-pin ATX, 1 x 4-pin 12V CPU, 9 x HDD/CDROM, 2 x FDD, 2 x SATA, 1 x Extra +5V (P10)		

Dimensions (Unit: mm)

REF. ID.	PIN NO.	SIGNAL	WIRE COLOR	CABLE LENGTH
P1 24	1	+3.3VDC	ORANGE	400±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	+12V3	Yel/Blue	
	11	+12V3	Yel/Blue	
	12	+3.3VDC	ORANGE	
	13	+3.3VDC	ORANGE	
	14	+3.3V _{sense}	BROWN	
	15	-12VDC	BLUE	
	16	COM	BLACK	
	17	PS-ON	GREEN	
	18	COM	BLACK	
	19	COM	BLACK	
	20	-5V	WHITE	
	21	+5VDC	RED	
	22	+5VDC	RED	
	23	+5VDC	RED	
	24	COM	BLACK	
P2	1	COM	BLACK	400±15mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5VDC	RED	
P3	1	COM	BLACK	500±15mm
	2	COM	BLACK	
	3	+12V1	YELLOW	
	4	+12V1	YELLOW	
PA	1	+3.3VDC	ORANGE	400±15mm
	2	COM	BLACK	
	3	+5V	RED	
	4	COM	BLACK	
PB	1	+12V3	Yel/Blue	155±10mm
	2	COM	BLACK	
	3	+5V	RED	
	4	COM	BLACK	
PI	1	+12V4	Yel/White	400±15mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PJ	1	+12V4	Yel/White	155±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PK	1	+5V	RED	150±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+12V4	Yel/White	
PC	1	+12V2	Yel/Black	400±15mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PD	1	+12V2	Yel/Black	155±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+5V	RED	
PE	1	+5V	RED	150±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+12V2	Yel/Black	
PG	1	+5V	RED	150±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+12V2	Yel/Black	
PH	1	+5V	RED	150±10mm
	2	COM	BLACK	
	3	COM	BLACK	
	4	+12V2	Yel/Black	

