

ACE-A225A

1U 250 Watts ATX Power Supply with ERP

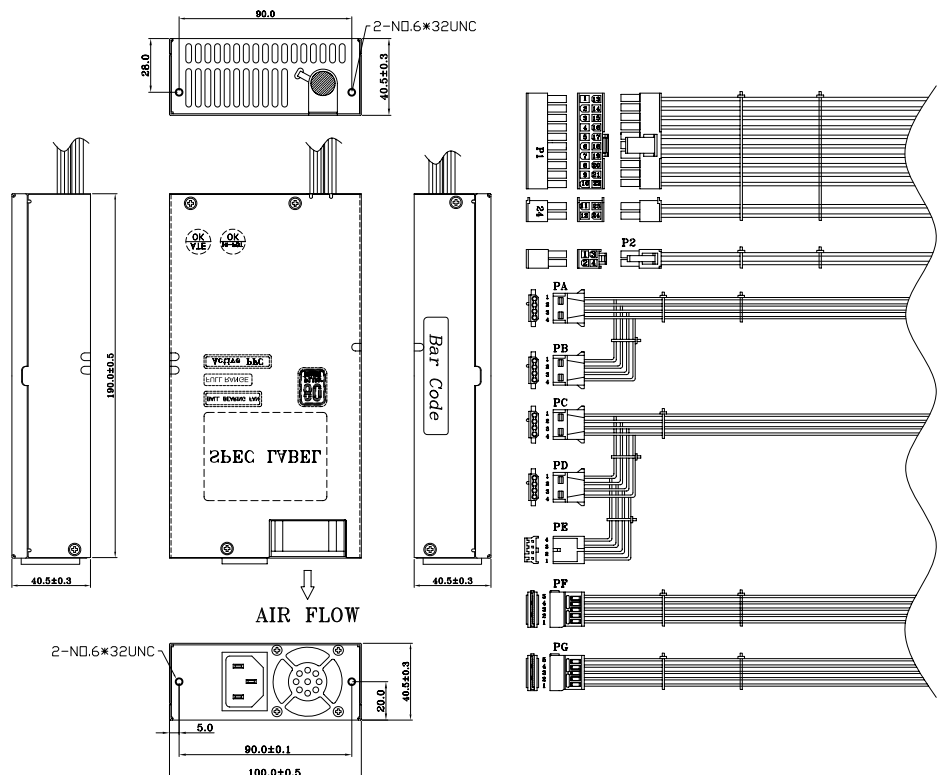


Ordering Information

Part No.	Description
ACE-A225A-R10	250W AC-DC 1U ATX Power Supply with ERP, Meet 80 PLUS (Bronze)

Dimensions

REF. ID.	FIN. NO.	SIGNAL	WIRE COLOR	GAUGE	CONNECTOR TYPE	CABLE LENGTH
P1	1	+3.3VDC	ORANGE	18	WST P20-142002K11D+ P4-142000K11D or EQUIV.	500±15mm
	2	+3.3VDC	ORANGE	18		
	3	COM	BLACK	18		
	4	+5VDC	RED	18		
	5	COM	BLACK	18		
	6	+5VDC	RED	18		
	7	COM	BLACK	18		
	8	PW-OK	GRAY	22		
	9	+5Vsb	PURPLE	18		
	10	+12V2	YELLOW	18		
	11	+12V2	YELLOW	18		
	12	+3.3VDC	ORANGE	18		
	13	+3.3VDC	ORANGE	18		
	14	+3.3V sense	BROWN	22		
	15	-12VDC	BLUE	22		
	16	COM	BLACK	18		
	17	PS-ON	GREEN	22		
	18	COM	BLACK	18		
	19	COM	BLACK	18		
	20	-5V	WHITE	22		
	21	+5VDC	RED	18		
	22	+5VDC	RED	18		
	23	+5VDC	RED	18		
	24	COM	BLACK	18		
P2	1	COM	BLACK	18	MOLEX 39-01-2080 or EQUIV.	500±15mm
	2	COM	BLACK	18		
	3	+12V1	YELLOW/BLACK	18		
	4	+12V1	YELLOW/BLACK	18		
PA	1	+12V2	YELLOW	18	AMP 1-480424-0 or EQUIV.	500±15mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	+5V	RED	18		
PB	1	+12V2	YELLOW	18	AMP 1-480424-0 or EQUIV.	200±10mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	+5V	RED	18		
PC	1	+12V2	YELLOW	18	AMP 1-480424-0 or EQUIV.	300±15mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	+5V	RED	18		
PE	1	+5V	RED	18	AMP 171822-4 or EQUIV.	200±10mm
	2	COM	BLACK	22		
	3	COM	BLACK	22		
	4	+12V2	YELLOW	22		
PF	1	+3.3VDC	ORANGE	18	MOLEX SD-67582 or EQUIV.	500±15mm
	2	COM	BLACK	18		
	3	+5V	RED	18		
	4	COM	BLACK	18		
	5	+12V1	YELLOW/BLACK	18		
PG	1	+3.3VDC	ORANGE	18	MOLEX SD-67582 or EQUIV.	500±15mm
	2	COM	BLACK	18		
	3	+5V	RED	18		
	4	COM	BLACK	18		
	5	+12V1	YELLOW/BLACK	18		



Specifications

Input	Voltage	90~264 VAC Full Range		
	Frequency	47~63Hz		
	Input current	4A(RMS)@115VAC2A(RMS)@230VAC		
	Inrush current	50A max for 115VAC 100A max for 230VAC		
Output	Voltage	Min. load	Max. load	Ripple & Noise
	+3.3V	0.3A	14.0A	50mV
	+5V	0.3A	16.0A	50mV
	+12V1	0.5A	16.0A	120mV
	+12V2	0.5A	16.0A	120mV
	-12V	0A	0.5A	120mV
	+5VSB	0A	3.0A	50mV
	-5V	0A	0.3A	100mV
The +3.3V and +5V total output shall not exceed 110 watts. Total output for this subject power supply is 250 watts.				
Over voltage protection	+3.3V: 3.5V-4.8V +5V: 5.5V-7V +12V1 ~+12V2: 13.4V-16V			
	Short circuit protection			
	+3.3V,+5V ,+12V shutdown and latch off			
General specifications	Watt	225W		
	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	100 x 190 x 40 (mm)		
	Output conntrector	20+4-pin ATX, 4-pin 12V, 4 x HDD, 2 x SATA and 1 x FDD		

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