

ACE-925AP-U

250W PS/2 Type AT Power Supply



Feature

1. High efficiency
2. Full functional over voltage / current protection
3. SATA connector design
4. 100% Hi-pot tested
5. Multiple safety / EMC certificated

Safety



Specification

Input	Voltage :	90 ~ 265VAC Full Range																																		
	Frequency :	47 ~ 63Hz																																		
	Input Current :	5A(RMS)@115VAC 2.5A(RMS)@230VAC																																		
	Inrush Current :	50A Max for 115VAC 100A Max for 230VAC																																		
Output	<table border="1"> <thead> <tr> <th>Voltage</th> <th>Min. load</th> <th>Max. load</th> <th>Load Reg.</th> <th>Line Reg.</th> <th>Ripple & Noise</th> </tr> </thead> <tbody> <tr> <td>+5V</td> <td>1A</td> <td>22A</td> <td>±5%</td> <td>±1%</td> <td>50mV P-P</td> </tr> <tr> <td>+12V</td> <td>1A</td> <td>11A</td> <td>±5%</td> <td>±1%</td> <td>120mV P-P</td> </tr> <tr> <td>-5V</td> <td>0A</td> <td>0.5A</td> <td>±5%</td> <td>±1%</td> <td>80mV P-P</td> </tr> <tr> <td>-12V</td> <td>0A</td> <td>0.7A</td> <td>±5%</td> <td>±1%</td> <td>120mV P-P</td> </tr> </tbody> </table>	Voltage	Min. load	Max. load	Load Reg.	Line Reg.	Ripple & Noise	+5V	1A	22A	±5%	±1%	50mV P-P	+12V	1A	11A	±5%	±1%	120mV P-P	-5V	0A	0.5A	±5%	±1%	80mV P-P	-12V	0A	0.7A	±5%	±1%	120mV P-P	* +5V and +12V combined power 240W max				
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	+5V	1A	22A	±5%	±1%	50mV P-P																														
	+12V	1A	11A	±5%	±1%	120mV P-P																														
	-5V	0A	0.5A	±5%	±1%	80mV P-P																														
	-12V	0A	0.7A	±5%	±1%	120mV P-P																														
	Over-voltage protection :	+12V : 15.6V(Max) +5V : 7V(Max)																																		
Short Circuit protection :	Shut down and latch off																																			
General Specification	Watt	250W																																		
	PFC	Active																																		
	Hold-up time	10 ms Min.																																		
	Efficiency	70% Min.																																		
	MTBF	100,000 hours																																		
	Temperature	Operating : 0 ~50°C Storage : -25 ~ 70°C																																		
	Dimension	140 x 150 x 86 (mm) 5.51 x 5.91 x 3.39 (inch)																																		
	Outline Connector	P8+P9x1 FDDx2 HDD/CDROMx4 SATAx2																																		

Ordering Information

Part No.	Description
ACE-925AP-U-RS	250W AC-DC PS/2 AT Power Supply, with PFC



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