

ACE-4525AP

250W 1U Type ATX Power Supply



Feature

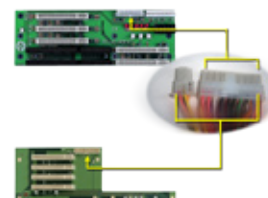
1. High efficiency
2. Two sets independent +12V output
3. ATX 2.0 standard with new 20+4 ATX power and SATA connector design
4. Full functional over voltage / current protection
5. 100% Hi-pot tested
6. Multiple safety / EMC certificated

Safety



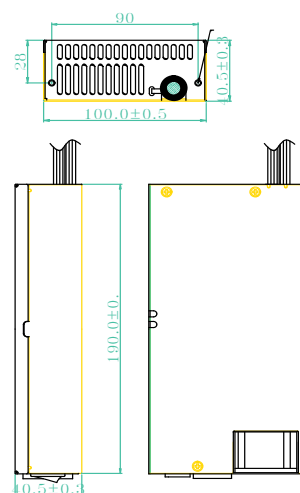
Specification

Input	Voltage :	90~265V AC Full Range Input																														
	Frequency :	47 ~ 63HZ																														
	Input Current :	6A(RMS)@115VAC 3A(RMS)@230VAC																														
	Inrush Current :	80A Max for 115VAC 120A Max for 230VAC																														
Output	<table border="1"> <thead> <tr> <th>Voltage</th> <th>Min. load</th> <th>Max. load</th> <th>Ripple & Noise</th> </tr> </thead> <tbody> <tr> <td>+5V</td> <td>0A</td> <td>16A</td> <td>50mV P-P</td> </tr> <tr> <td>+12V1</td> <td>0.5A</td> <td>16A</td> <td>120mV P-P</td> </tr> <tr> <td>+12V2</td> <td>0.5A</td> <td>16A</td> <td>120mV P-P</td> </tr> <tr> <td>-12V</td> <td>0A</td> <td>0.5A</td> <td>150mV P-P</td> </tr> <tr> <td>+3.3V</td> <td>0.5A</td> <td>16A</td> <td>50mV P-P</td> </tr> <tr> <td>+5Vsb</td> <td>0.1A</td> <td>2.5A</td> <td>50mV P-P</td> </tr> </tbody> </table>	Voltage	Min. load	Max. load	Ripple & Noise	+5V	0A	16A	50mV P-P	+12V1	0.5A	16A	120mV P-P	+12V2	0.5A	16A	120mV P-P	-12V	0A	0.5A	150mV P-P	+3.3V	0.5A	16A	50mV P-P	+5Vsb	0.1A	2.5A	50mV P-P			
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+5Vsb	0.1A	2.5A	50mV P-P																													
*+12V1, +12V2 total current not exceed 18A																																
*Total current of +5V and + 3.3V not exceed 100W																																
*Total current of +5V, + 3.3V and +12V not exceed 232W																																
Over-voltage protection :		+5V output 6.5V +12V output 15.6V +3.3V output 4.5V																														
Short Circuit protection :		Shut down and latch off																														
General Specification	Watt	250W																														
	PFC	Active																														
	Hold-up time	18 ms Min.																														
	Efficiency	70% Min.																														
	MTBF	100,000 hours on max load at +25°C																														
	Temperature	Operating : 0 ~50°C Storage : -20 ~ 80°C																														
	Dimension	190x100x40.5 (mm)																														
	Outline Connector	20+4PIN ATX x1 , 4PIN 12V CPU x1 , HDD/CDROM x4 , FDD x1 , SATA x2																														



20+4 pin ATX power connector

Dimension



Ordering Information

Part No.	Description
ACE-4525AP-RS	250W AC-DC 1U ATX Power Supply, with PFC



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