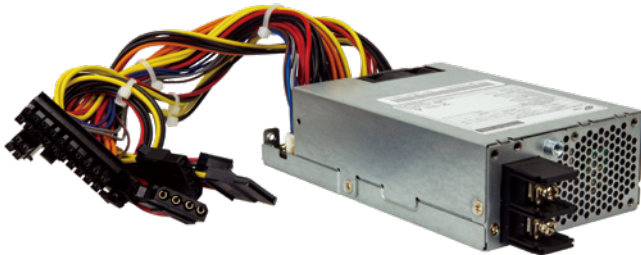


ACE-A4520D

250 W 24V DC input 1U ATX Power Supply



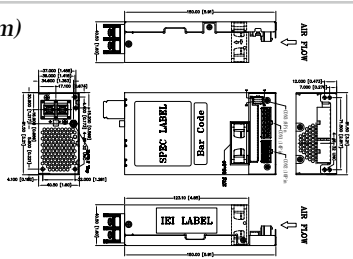
High power capacity 250W in 1U size!!
Meets ATX revision 2.0 with 20+4-pin ATX power and SATA

Features



1. High efficiency
2. Low ripple & noise
3. Output overvoltage protection
4. Short circuit protection on all output
5. 100% burn-in under high ambient temperature (50°C)
6. Vacuum-impregnated transformer
7. MTBF: 100K hours at 25°C
8. 100% hi-pot tested
9. Line input fuse protection

Dimensions (Unit: mm)



Specifications

Input	Voltage	18 ~ 36 VDC input		
	Input Current	15 A (RMS) @ -24 VDC		
	Inrush Current	18 A max. for -24 VDC		
Output	Voltage	Min. Load	Max. Load	Ripple & Noise
	+5 V	0 A	14 A	50 mV P-P
	+12 V	0.05 A	18 A	120 mV P-P
	-12 V	0 A	0.3 A	120 mV P-P
	+3.3 V	0 A	10 A	50 mV P-P
	+5 Vsb	0 A	2.5 A	50 mV P-P
General Specifications	+3.3V, +5V, +12V total current not exceed 184W			
	Overvoltage Protection	+5 V output: 5.7 V ~ 6.5 V +12 V output: 13.3 V ~ 15.5 V +3.3 V output: 3.7 V ~ 4.5 V		
	Over Circuit Protection	+5 V output: 18 V ~ 22 V +12 V output: 20 V ~ 26 V +3.3 V output: 15 V ~ 20 V		
	Short Circuit Protection	+3.3 V, +5 V, +12 V shut down and latch off		
	Output Rise Time	20 ms max.		
	Efficiency	80%		
MTBF	100,000 hours on max. load at +25°C			
Temperature	Operating: 0°C ~ 50°C Storage: -20°C ~ 80°C			
Relative Humidity	5% ~ 95% RH non-condensing			
Output Connector	20+4-pin ATX, 4-pin 12 V CPU, FDD, SATA, 2 x HDD			

Ordering Information

Part No.	Description
ACE-A4520D-R10	250W 24 V DC Input 1U ATX Power Supply