

# ACE-716C

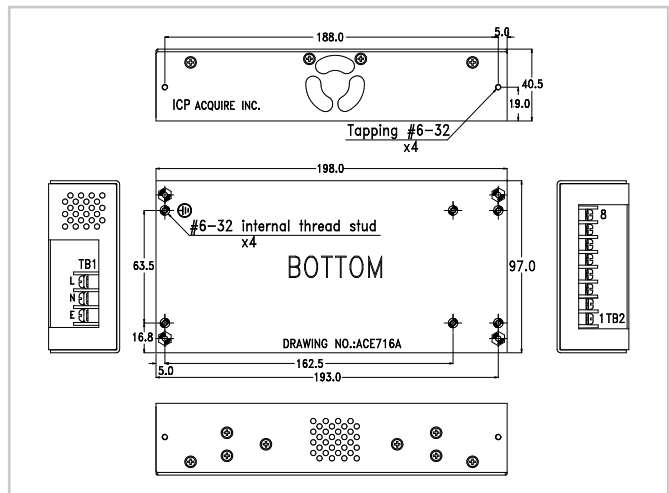
150 W 24V DC Input AT Power Supply



## Specifications

Input Type	19 ~ 30 VDC				
Output Voltage	+5 V	+12 V	-5 V	-12 V	+24 V
	18 A (2 A min.)	4 A	0.5 A	1 A	
Efficiency	70%				
Temperature	Operating: -20°C ~ 70°C (50°C ~ 70°C derating curve) Storage: -20°C ~ 85°C				
MTBF (hrs)	210,000				
Output Connector	Optional cable				
Dimensions (mm)	198 x 97 x 40.5				

## Dimensions (Unit: mm)



## Output terminal block connectors

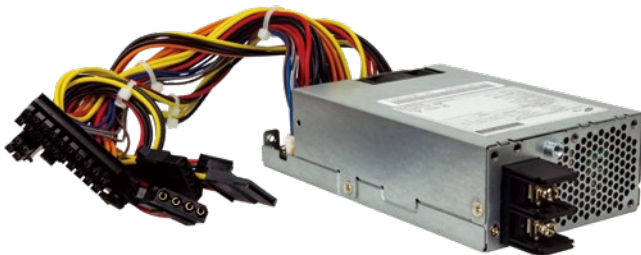
Pin 1, 2	Pin 3, 4	Pin 5	Pin 6	Pin 7	Pin 8
5 V	GND	-5 V	-12 V	GND	+12 V

## Ordering Information

Part No.	Description
ACE-716C-RS	150 W 24 V DC Input AT Power Supply

# ACE-A4520D

250 W 24V DC input 1U ATX Power Supply



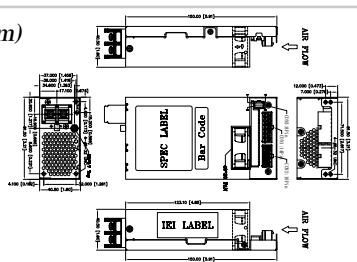
**High power capacity 250W in 1U size!!**  
**Meets ATX revision 2.0 with 20+4-pin ATX power and SATA**

## Features



- High efficiency
- Low ripple & noise
- Output overvoltage protection
- Short circuit protection on all output
- 100% burn-in under high ambient temperature (50°C)
- Vacuum-impregnated transformer
- MTBF: 100K hours at 25°C
- 100% hi-pot tested
- 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
	+3.3V, +5V, +12V total current not exceed 184W			
General Specifications	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