

# ACE-4860AP

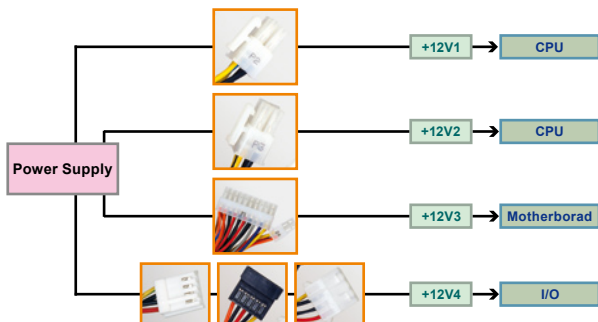
600 W PS/2 Type ATX Power Supply



## Features

1. 600 W for high power consumption RAID / multi-core system
2. High efficiency
3. ATX 2.0 standard with new 20+4 ATX power and SATA connector design
4. Overvoltage and overcurrent protection
5. 100% Hi-pot tested
6. Multiple safety and EMC certifications
7. Total +12 V output up to 40 A

### ■ Power Connector +12 V



## Specifications

Input	Voltage	90 ~ 264 VAC Full Range		
	Frequency	47 ~ 63 Hz		
	Input Current	12 A(RMS)@115 VAC, 6 A(RMS)@230VAC		
	Inrush Current	60 A max for 115 VAC, 150 A max for 230 VAC		
Output	Voltage	Min. load	Max. load	Ripple & Noise
	+5 V	0 A	30 A	50 mV P-P
	+12 V1	1 A	12 A	120 mV P-P
	+12 V2	1 A	12 A	120 mV P-P
	+12 V3	0.5 A	18 A	120 mV P-P
	+12 V4	0 A	18 A	120 mV P-P
	-12 V	0 A	1 A	120 mV P-P
	+3.3 V	0 A	24 A	50 mV P-P
	+5 Vsb	0 A	3 A	50 mV P-P
	Over Voltage Protection	+12 V : 14.6 V ±10% +5 V : 6.2 V ±10% +3.3 V : 4 V ±10%		
Short Circuit Protection	+3.3 V, +5 V, +12 V shut down and latch off			
General Specifications	Watt	600 W		
	PFC	Active		
	Hold-up Time	16 ms Min.		
	Efficiency	70%		
	MTBF	100,000 hours		
	Temperature	Operating : 0~50°C (40~50°C derating curve) Storage : -40~70°C		
	Dimensions	140X 150 X 86 (mm), 5.51 X 5.91 X 3.39 (inch)		
	Output Connector	20+4-pin ATX x1, 4-pin 12 V CPU x1, HDD/CDROM x9, FDD x1, SATA x2		

## Ordering Information

Part No.	Description
ACE-4860AP-R11-RS	600 W AC-DC PS/2 ATX power supply, with PFC

# ACE-4840APM

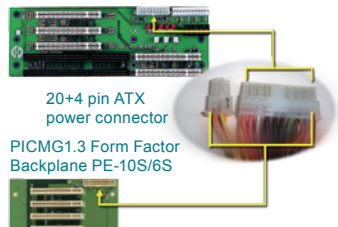
400 W PS/2 Medical Type ATX Power Supply



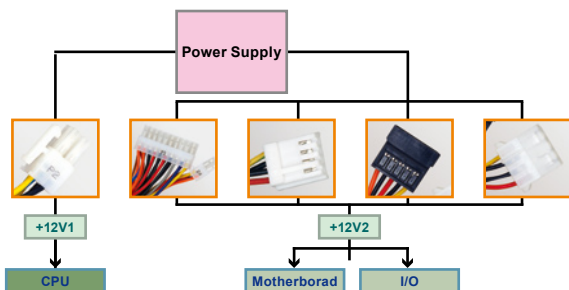
## Features

1. Internal 8 cm fan
2. Meets medical safety standards
3. Line input fuse protection
4. Output overvoltage protection
5. Short circuit protection on all outputs
6. Total +12 V output up to 34 A

PICMG1.0 Form Factor Backplane



### ■ Power Connector +12 V



## Specifications

Input Voltage	90 ~ 265 VAC Full Range				
Input Frequency	47 ~ 63 Hz				
Input Current	8 A (RMS) for 115 VAC, 4 A (RMS) for 230 VAC				
Inrush Current	60 A MAX. for 115 VAC, 100A MAX. for 230 VAC				
Output Voltage	Voltage	Min. load	Max. load	Ripple & Noise	
	+3.3 V	0.5 A min	30 A	50 mV	
	+5 V	0.3 A min	30 A	50 mV	
	+12 V1	1 A min	17 A	120 mV	
	+12 V2	1 A min	17 A	120 mV	
	-5 V		0.3 A	100 mV	
	-12 V		0.8 A	120 mV	
	+5 V sb		2 A	50 mV	
	+3.3 V & +5 V total output not exceed 180 W +3.3 V & +5 V & +12 V total output not exceed 380 W				
	Overvoltage Protection	+5 V : 5.7 V ~ 6.5 V +3.3 V : 3.7 V ~ 4.5 V +12 V : 13.3 V ~ 15.6 V			
Hold Up Time	20 ms min.				
MTBF	100,000 hours				
Operating Temperature	0°C ~ 50°C				
Storage Temperature	-20°C ~ 80°C				
Efficiency	68%				
Dimensions	140 mm x 150 mm x 86 mm				
Outline Connector	20+4PIN ATX x1, 4PIN 12V CPU x1, HDD/CDROM x5, FDD x2, SATA x2, Extra +5V(P10) x1				

## Ordering Information

Part No.	Description
ACE-4840APM-RS	400 W AC-DC PS/2 ATX Power Supply, meets Medical standard, with PFC