

ACE-1010A/1020A

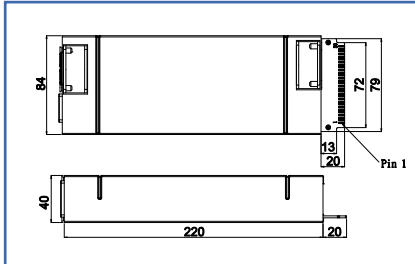
170W/270W ATX Power Supply

The best removable power supply designed for 1U/2U servers !!



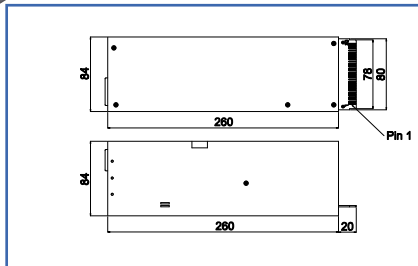
ACE-1010A

Dimensions



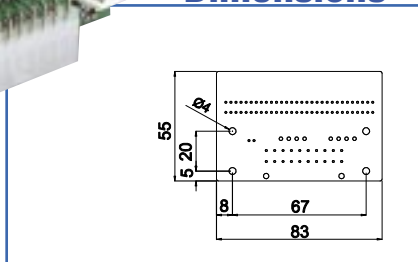
ACE-1020A

Dimensions



PCB-02

Dimensions



SPECIFICATIONS



- ◆ Input Range: 90V~264V AC Input (Full Range)
- ◆ ACE-1010A Output Rating

Output	Nominal	Regulation	Ripple/Noise	Min.	Max.
1	+3.3V	±5%	50mV	0.3A	12.0A
2	+5V	±5%	50mV	1.5A	16.0A
3	+12V	±5%	120mV	0.1A	5.0A
4	-5V	±5%	100mV	0A	0.3A
5	-12V	±5%	120mV	0A	0.8A
6	+5Vsb	±5%	100mV	0A	2.0A

Total Output of +3.3V and +5V shall not exceed 100W, the power supply's max. output power is 170W

- ◆ ACE-1020A Output Rating

Output	Nominal	Regulation	Ripple/Noise	Min.	Max.
1	+3.3V	±5%	50mV	0.3A	20.0A
2	+5V	±5%	50mV	2.0A	25.0A
3	+12V	±5%	120mV	0.2A	11.0A
4	-5V	±5%	100mV	0A	0.3A
5	-12V	±5%	120mV	0A	0.8A
6	+5Vsb	±5%	100mV	0A	2.0A

Total Output of +3.3V and +5V shall not exceed 145W, the +3.3V, +5V and +12V total output power shall not exceed 250W and the total output of the power supply is max. 270W.

- ◆ Hold-up time : 17ms min.
- ◆ Efficiency : 68% typ.
- ◆ Protection : Over Voltage Protection and Short Circuit Protection
- ◆ TTL signal compatible power good signal
- ◆ Vibration : 10-55Hz at 2G 3min. period, 30 min. along X, Y and Z axis.
- ◆ Shock : 10G for 11ms once on each X, Y and Z axis.
- ◆ Built-in cooling fan
- ◆ MTBF : min. 50,000hrs
- ◆ Safety : UL 1950, TUV, meets CE
- ◆ EMI : Meets FCC class "B", EN55022 class "B"
Meets Harmonic EN61000-3-2 (ACE-1010A, 1020A)
- ◆ EMS Standard : meets
 - IEC 801-2, 8KV(Air Discharge)
 - IEC 801-3, 3V/M criteria A
 - IEC 801-4, 2KV criteria B
 - IEC 801-5, 2KV criteria B
- ◆ Operating temperature : 0-50°C

PCB-02

ACE-1010A/1020A Power Connection Board

- ◆ Work with ACE-1010A/1020A ATX power supply
- ◆ Emulate ATX push button function to control power on/off.
- ◆ Standard ATX power connector and accessory device 5V/12V connectors.

ORDERING INFORMATION

- ACE-1010A : 170W ATX Power Supply
- ACE-1020A : 270W ATX Power Supply
- PCB-02 : ACE-1010A/1020A Power Connection Board