

ACE-816A/816AP/916A/916AP

150W Power Supply

ACE-815T

150W 48VDC Input ATX Power Supply

ACE-815C

100W 24VDC Input ATX Power Supply

Designed for 1U Server Appliance Product !!



ACE-816AP



SPECIFICATIONS

- ◆ Input Range :
90V AC~264V AC full range Input(ACE-816AP/ACE-916AP)
95V AC~132V AC, 180V AC~264V AC manual switch Input(ACE-816A/ACE-916A)
18V DC~32V DC Input(ACE-815C), 36V DC~72V DC Input(ACE-815C)
- ◆ ACE-816A/AP ACE-916A/AP Output Rating

Output	Nominal	Regulation	Ripple/Noise	ACE-916A Min.	ACE-916A Max.	ACE-816A Min.	ACE-816A Max.	ACE-916AP Min.	ACE-916AP Max.	ACE-816AP Min.	ACE-816AP Max.
1	+3.3V	±5%	50mV	-	-	0.2A	16A	-	-	0.3A	10A
2	+5V	±5%	50mV	1.0A	15A	1.0A	15A	1.0A	16A	1.0A	14A
3	+12V	±5%	120mV	0.2A	10A	0.2A	12A	0.5A	6A	0.3A	4.2A
4	-12V	±10%	120mV	0A	0.3A	0A	0.3A	0A	0.3A	0A	0.3A
5	+5Vsb	±5%	100mV	-	-	0A	2A	-	-	0A	2A

ACE-916A: The output of +5V and +12V total output shall not exceed 146.4W, Total output maximum 150W

ACE-816A: The output of +3.3V and +5V total output shall not exceed 61.5W, The +3.3V and +5V, +12V total output shall not exceed 136.4W, Total output maximum 150W

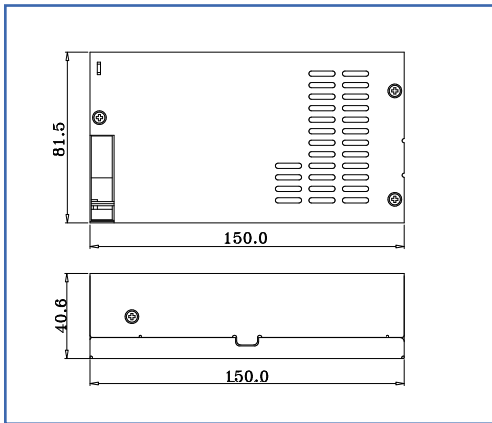
ACE-916AP: The output of +12V and +5V total output shall not exceed 145W, Total output maximum 150W

ACE-816AP: The output of +3.3V and +5V total output shall not exceed 85W, Total output maximum 150W

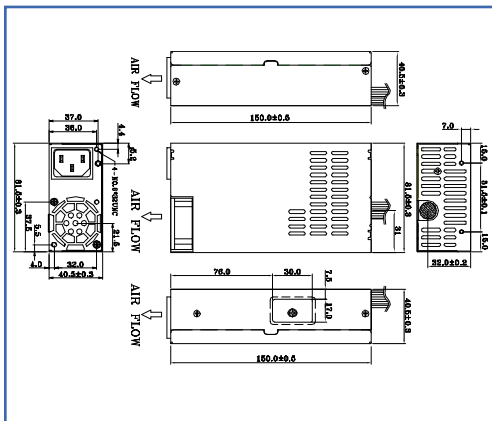
- ◆ ACE-815T Output Rating

Output	Nominal	Regulation	Ripple/Noise	Min.	Max.
1	+3.3V	+/-5%	50mV	0.0A	10.0A
2	+5V	+/-5%	50mV	0.0A	14.0A
3	+12V	+/-5%	120mV	0.0A	4.2A
4	-5V	+/-5%	100mV	0.0A	0.3A
5	-12V	+/-10%	120mV	0.0A	0.3A
6	+5Vsb	+/-5%	100mV	0.0A	2.0A

Dimensions: ACE-815T/815C



Dimensions: ACE-816AP



The +3.3V and +5V, +12V total output shall not exceed 136.4W,

- ◆ ACE-815C Output Rating

Output	Nominal	Regulation	Ripple/Noise	Min.	Max.
1	+3.3V	+/-5%	50mV	0.0A	4.0A
2	+5V	+/-5%	50mV	0.0A	13.0A
3	+12V	+/-5%	120mV	0.0A	2.5A
5	-12V	+/-10%	120mV	0.0A	0.3A
6	+5Vsb	+/-5%	100mV	0.0A	2.0A

The +3.3V and +5V, +12V total output shall not exceed 84W,

- ◆ Hold-up time : 17ms min. (AC Input Power Supply only)
- ◆ Efficiency : 68% typ. (ACE-816AP/916AP); 72% typ. (ACE-816A/916A)
- ◆ Protection : Over Voltage/Load 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
- ◆ Power Connector: ATX (ACE-816A/AP/815T/815C) ; P8/P9 (ACE-916A/AP)
- ◆ MTBF : 100,000hrs at 25°C
- ◆ Safety : TUV, CCC (ACE-816AP/916AP), UL 1950, CSA 22.2 Level 3, Meets CE.(ACE-816AP/916AP)
- ◆ EMI : Meets FCC class "B", EN55022 class "B"
Meets Harmonic EN61000-3-2 (ACE-815AP, ACE-915AP)
- ◆ EMS Standard : meet - 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

ORDERING INFORMATION

- ACE-816A 150W ATX Power Supply
- ACE-816AP 150W ATX Power Supply full Range with PFC function
- ACE-815T 150W 48VDC ATX Input Power Supply
- ACE-815C 100W 24VDC ATX Input Power Supply
- ACE-916A 150W AT Power Supply
- ACE-916AP 150W AT Power Supply full Range with PFC function