

ACE-870/865 ACE-855/845

AC/DC Input Compact Size 70W
Power Supply

AC/DC Input LCD Panel PC 55W
Power Supply



ACE-870



ACE-870A ACE-870B

ACE-870C ACE-870D



SPECIFICATIONS

◆ Input Table :

Model	Input Range	Input Current
ACE-870A/870AP	85~264V AC, 47~63Hz	1.5A@115V AC or 0.8A@230V AC
ACE-870T	+36 ~ +72V DC	4A@+48V DC
ACE-870C	+18 ~ +36V DC	6A@+24V DC
ACE-865V	+8 ~ +16V DC	12A@+12V DC

◆ Output Table: (at 50°C)

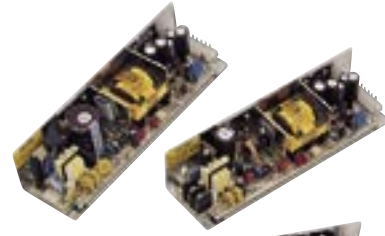
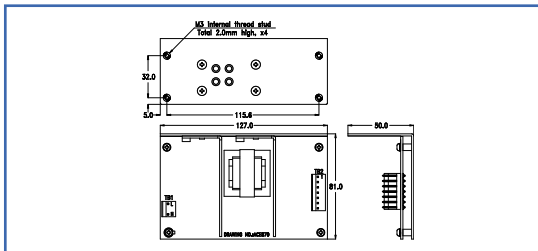
Model	Rated Load				Max. Output			
	+5V	+12V	-5V	-12V	+5V	+12V	-5V	-12V
ACE-870A/870AP	7A	2.5A	0.3A	0.3A	10A	4A	0.5A	0.5A
ACE-870T	7A	2.5A	0.3A	0.5A				
ACE-870C	7A	2.5A	0.3A	0.5A	4A	0.3A	0.5A	
ACE-865V	6A	2A	0.3A	0.5A	4A	0.3A	0.5A	

- ◆ Ripple and Noise : Less than 50mV@+5V; 100mV@Others
- ◆ Line Regulation : The line regulation for each outputs are less than 1%@+5V; 2%@+12V; 3%@-5V & -12V
- ◆ Load Regulation : Less than 3%@+5V & +12V, 5%@-5V & -12V
- ◆ Efficiency : Higher than 70%
- ◆ Hold-up Time (ACE-870A/870AP) : 16ms (typical)@115V AC
- ◆ Altitude : 0 ~ 10,000ft
- ◆ Protection : Over voltage protection. The trip point is around 5.7V ~ 7.0V output
- ◆ MTBF :
 - ACE-870A : 296,831 Hours
 - ACE-870T : 277,126 Hours
 - ACE-870C : 276,238 Hours
 - ACE-865V : 246,485 Hours
- ◆ Safety : UL 1950 (ACE-870A/AP); TUV EN 60950 (ACE-870AP/865V/870C/870T) meets CE(ACE-870AP/865V/870C/870T)
- ◆ EMI : ACE-870A/870AP : Meets FCC docket 20780 curve "B"
ACE-870AP : Harmonic EN 61000-3-2
- ◆ Operating Temperature : 0° ~ 50°C
- ◆ Storage Temperature : -20° ~ 85°C
- ◆ Dimensions : 81(W) x 50(H) x 127(D)mm; (3.2" x 2" x 5")

ORDERING INFORMATION

- **ACE-870AP** AC input compact size PFC power supply
- **ACE-870A** AC input compact size power supply
- **ACE-870T** +48V DC input compact size power supply
- **ACE-870C** +24V DC input compact size power supply
- **ACE-865V** +12V DC input compact size power supply
- **CB-870A** DC Cable set for ACE-870 power to backplane with P8/P9 connector, 40cm
- **CB-870B** DC Cable set for ACE-870 power to CPU card with 8-pin connector, 40cm
- **CB-870C** DC Cable set for ACE-870 power to CPU card with 8-pin & P8/P9 connector, 40cm
- **CB-870D** ACE-870A/870AP AC input cable kit, 60cm

Dimensions



ACE-855



SPECIFICATIONS

◆ Input Table :

Model	Input Range	Input Current
ACE-855A	85 ~ 264V AC, 47 ~ 63Hz	2A@115V AC or 1A@230V AC
ACE-855C	+16 ~ +32V DC	9A@+16V DC
ACE-845V	+9.5 ~ +18V DC	10A@+9.5V DC

◆ Output Table: (at 50°C):

Model	Rated Load		Max. Output	
	+5V	+12V	+5V	+12V
ACE-855A	8A	1.2A	10A	4A
ACE-855C	8A	1.2A	10A	4A
ACE-845V	8A	1.1A	8A	2A

- ◆ Inrush Current (ACE-855A) : Not exceed 115V@30A AC or 230V AC@60A
- ◆ Ripple and Noise : Less than 1% of output voltage
- ◆ Line Regulation : The line regulation for each outputs are less than 1%, while measuring at rated loading and 10% of input voltage changing
- ◆ Load Regulation : Less than 3%@+5V, 5%@+12V
- ◆ Efficiency : Higher than 70%
- ◆ Hold-up Time (ACE-855A) : 16ms (typical)@115V AC
- ◆ Altitude : 0 ~ 10,000ft
- ◆ Protection : Over voltage protection. The trip point is around 5.7V ~ 7.0V output
- ◆ Vibration : 10 ~ 55Hz at 2G 3min. period, 30 min. along X, Y and Z axis
- ◆ Impact : 10G for 20ms once on each X, Y and Z axis
- ◆ MTBF : ACE-855A : 335,874 Hours
ACE-855C : 327,482 Hours
ACE-845V : 339,662 Hours
- ◆ Safety : UL 1950; TUV EN 60950 meets CE
- ◆ EMI : Meets FCC docket 20780 curve "B", EN50081-2 : CISPR curve "B"
- ◆ EMS Standard (Designed to meet the following limits) :
EN 50082-2
IEC 801-2 8KV (Air Discharge) criteria B
IEC 801-3, 10V/M criteria B
IEC 801-4, 2KV criteria B
IEC 801-5, 2KV criteria B
- ◆ Operating Temperature : -20° ~ 70° C (Derating curve will occur 50° ~ 70° C)
- ◆ Storage Temperature : -20° ~ 85° C
- ◆ Dimensions : 50.5(W) x 37(H) x 177.5(D)mm; (2" x 1.5" x 7")

ORDERING INFORMATION

- **ACE-855A** 55W AC Input AT power supply
- **ACE-855C** 55W 24V DC Input AT power supply
- **ACE-845V** 55W 12V DC Input AT power supply

Dimensions

