

# ACE-710APM

100W Medical ATX Power Supply



Designed for Medical Application Power Supply!!



CB-710A



CB-870D

## SPECIFICATIONS



- ◆ Input Voltage : 85V~264V AC
- ◆ Output Rating :

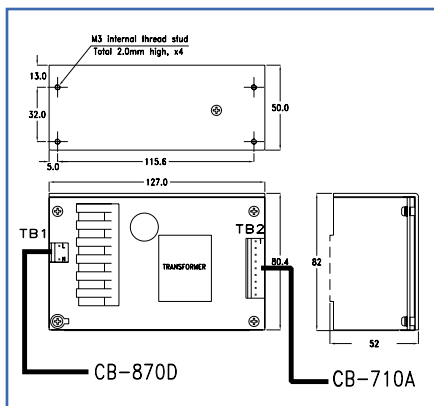
Nominal	Regulation	ACE-710APM		
		Min	Rated	Max
+5V	+/- 1%	0.2A	10A	15A
+12V	+/- 5%	0A	3.5A	5A
-12V	+/- 5%	0A	0.3A	0.5A
+5Vsb	+/- 1%	0A	0.5A	1A

- ◆ +5V and +12V combine power max 95W , Total output power max is 100W
- ◆ Ripple and Noise: Less than 1% of each output at rated load
- ◆ Hold-up time: 20ms min
- ◆ Efficiency: Higher than 80%
- ◆ Leakage current: Less than 300μA at 264VAC
- ◆ Protection: Over voltage/Load protection and short circuit protection
- ◆ Altitude: 0~10,000 ft
- ◆ TTL signal compatible power good signal
- ◆ MTBF: 100.000hrs at 25°C
- ◆ Vibration : 10-55Hz at 2G , 3min period , 30min along X,Y and Z axis
- ◆ Shock: 10G for 11ms once on each X,Y and Z axis
- ◆ Safety: UL 2601, TUV EN 60601-1, CCC, meets CE
- ◆ EMI: FCC docket 20780 curve "B" , EN 55011 class "B" , EN 61000-3-2 class "D"
- ◆ EMC: EN 61000-4-2 4KV contact; 8KV air discharge criterion B
  - EN 61000-4-3 10V/M with 80% AM criterion A
  - EN 61000-4-4 2KV criterion B
  - EN 61000-4-5 Line to Line 1KV ; Line to ground 2KV criterion B
  - EN 61000-4-6 10V with 80% AM criterion A
  - EN 61000-4-8 30A/m criterion A
  - EN 61000-4-11 30% dips 10ms , criterion B
    - 60% dips 100ms , criterion C
    - >95% dips 5000ms , criterion C
- ◆ Operating temperature: 0~70°C (Derating curve will occur 50°C~70°C)
- ◆ Storage temperature: -40~75°C
- ◆ Dimensions : 82(W)x50(H)x127(D)mm

## FEATURES

- ◆ High efficiency over 80%
- ◆ EN 61000-3-2 Compliance
- ◆ Low leakage current
- ◆ Low Ripple and Noise
- ◆ Short circuit , Overload , Over voltage Protected

## Dimensions



## Pin Define

PIN	TB1	TB2
1	L	+5V
2	N	+5V
3	-	GND
4	-	GND
5	-	GND
6	-	+12V
7	-	-12V
8	-	power on
9	-	+5Vsb

## ORDERING INFORMATION

- **ACE-710APM**  
100W Medical ATX Power Supply with PFC function
- **CB-710A**  
ACE-710APM Power Supply DC Output cable set
- **CB-870D**  
ACE-710/870 Power Supply AC Input cable set