

VTC4931

130W Medical ATX Power Supply

VTC6386

200W Medical ATX Power Supply

VTC7750

280W Medical ATX Power Supply

Designed for Medical Appliance Product!!**VTC4931****VTC6386****VTC7750**

- ◆ High efficiency over 82%
- ◆ EN 61000-3-2 Compliance
- ◆ Low leakage current
- ◆ Low Ripple and Noise
- ◆ Short circuit , Overload , Over voltage Protected

SPECIFICATIONS



- ◆ Input Voltage : 85VAC~265VAC
- ◆ Output Rating (at 50°C)

Nominal	VTC4931			VTC6386			VTC7750		
	Min	Rated	Max	Min	Rated	Max	Min	Rated	Max
+5V	0.2A	10A	16A	2A	20A	25A	2A	28A	40A
+12V	0A	6A	8A	0A	9A	12A	0A	10A	15A
-12V	0A	0.5A	1A	0A	0.5A	1A	0A	1A	1A
+5Vsb	0A	0.5A	1A	0A	0.5A	1A	0A	1A	1A

+5V and +12V combine power max 120W , Total output power max is 130W (VTC4931)

+5V and +12V combine power max 185W , Total output power max is 200W (VTC6386)

+5V and +12V combine power max 265W , Total output power max is 280W (VTC7750)

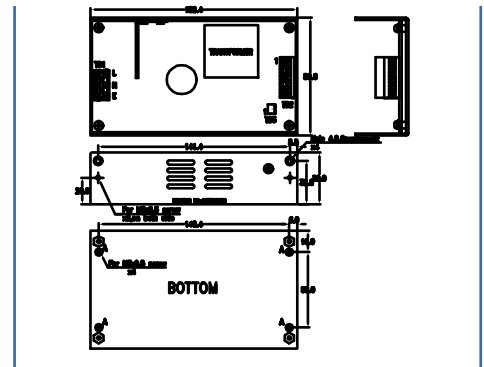
◆ Ripple and Noise : Less than 1% of each output at rated load

◆ Load Regulation :

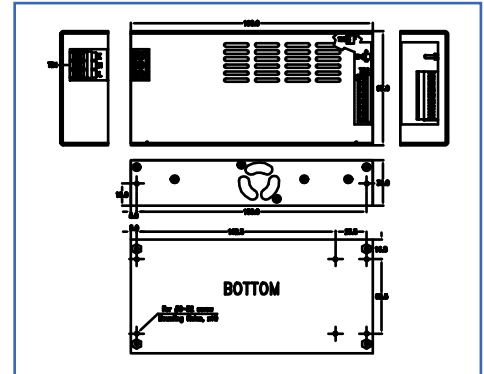
ITEM	+5V	+12V	-12V	+5Vsb
VTC4931	+/- 1%	+/- 3%	+/- 3%	+/- 3%
VTC6386	+/- 1%	+/- 3%	+/- 5%	+/- 1%
VTC7750	+/- 1%	+/- 5%	+/- 5%	+/- 1%

- ◆ Hold-up time : 20ms min
- ◆ Efficiency: Higher than 82%
- ◆ Protection: Over voltage/Load protection and short circuit protection
- ◆ Altitude: 0~10,000 ft
- ◆ TTL signal compatible power good signal
- ◆ MTBF: ACE-713APM: 143,781 hours
ACE-720APM: 97,572 hours
ACE-728APM: 97,254 hours
- ◆ Vibration: 10-55Hz at 2G , 3min period , 30min along X,Y and Z axis
- ◆ Leakage current: Less than 300µA at 240V AC
- ◆ Shock: 10G for 11ms once on each X,Y and Z axis
- ◆ Safety: UL 2601-1 , 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 *F8KV 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
- ◆ Storage temperature : -20~85°C(ACE-720A-PM/ACE-728APM)
-40~75°C(ACE-730A-PM)
- ◆ Dimensions : 89(W)x39(H)x152.4(D)mm(ACE-713APM)
97(W)x40.5(H)x198(D)mm(ACE-720APM)
112(W)x51(H)x203(D)mm(ACE-728APM)

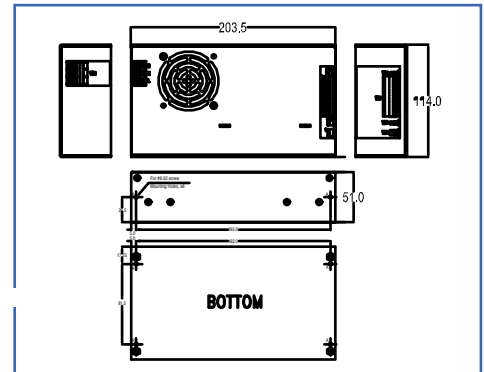
Dimensions: VTC4931



Dimensions: VTC6386



Dimensions: VTC7750



ORDERING INFORMATION

- **VTC4931** 130W Medical ATX Power Supply with PFC function
- **VTC6386** 200W Medical ATX Power Supply with PFC function
- **VTC7750** 280W Medical ATX Power Supply with PFC function