

# ACE-717CX

Industrial 24V DC Input ATX Power Supply

# ACE-715VX

Industrial 12V DC Input ATX Power Supply

ATX Function DC PSU!!



+5Vsb & PS On cable

## Specifications

### Input Voltage

Model	Input Range
ACE-717CX	19VDC~32VDC
ACE-715VX	9VDC~18VDC

### Output Rating

Nominal	Regulation	ACE-717CX			ACE-715VX		
		Min	Max	Peak	Min	Max	Peak
+5V	+/- 1%	1A	8A	12A	1A	8A	16A
+12V	+/- 5%	1A	8A	10A	1A	7A	10A
+3.3V	+/- 5%	0A	6A	10A	0A	6A	
-12V	+/- 5%	0A	0.5A	1A	0A	0.5A	1A
+5Vsb	+/- 1%	0A	1A	1.5A	0A	1A	1.5A

ACE-717CX: The Output of +5V and +12V shall not exceed 140W, the Output of +5V and +3.3V shall not exceed 60W

ACE-715VX: The Output of +5V and +12V shall not exceed 130W, the Output of +5V and +3.3V shall not exceed 60W

- ◆ Ripple and Noise: Less than 1% of each output at rated load
- ◆ Efficiency: Higher than 70%
- ◆ 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: Meets UL 60950, CSA C22.2 NO.234, VDE EN 60950
- ◆ EMI: Meets FCC docket 20780 curve "B", EN 55022 class "B"
- ◆ EMC : EN 61000-4-2 4KV contact; 8KV(air discharge) criterion B  
EN 61000-4-3 3V/M with 80% AM criterion A  
EN 61000-4-4 2KV criterion B  
EN-61000-4-5 0.5KV criterion B
- ◆ Operating Temperature : 0~70°C (-20°C can be start up)
- ◆ Storage Temperature : -40~75°C
- ◆ Dimensions: 97 (W) x39(H)x198(D)mm

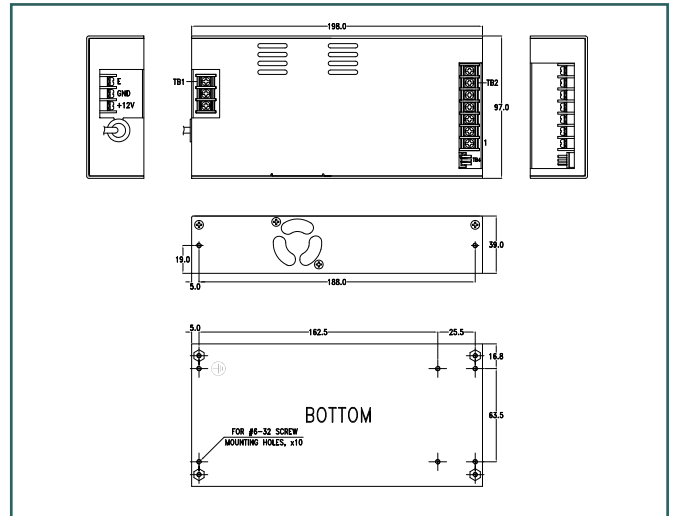
## Ordering Information

- **ACE-717CX**  
170W 24V DC input ATX Power Supply
- **ACE-715VX**  
157W 12V DC input ATX Power Supply

## Feature

- High efficiency
- Low Ripple and Noise
- Short circuit, Overload, Over voltage Protected

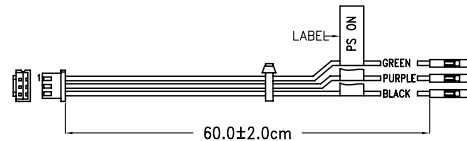
## Dimensions



- TB1- DC input: Terminal blocks.
- TB2- DC output: Terminal blocks.
- TB3- for +12V FAN use; Molex 5045-02A or equivalent
- TB4- for Power ON: JST B 3B-XH-A or equivalent
- TB5- for Switch: JST B 2B-XH-A or equivalent

- TB2 Position**
- |          |        |         |
|----------|--------|---------|
| 1. +5Vsb | 4. GND | 7. -12V |
| 2. +3.3V | 5. GND |         |
| 3. +12V  | 6. +5V |         |

### To TB4



### Wire color vs. Voltage and lable

VOLTAGE	WIRE COLOR	ABEL TEXT
Power on	GREEN	PS ON
PG/PF	PURPLE	PG/PF
GND	BLACK	GND

### To TB5

