

# ACE-723

Rugged AC/DC Input 200W Power Supply



## SPECIFICATIONS



### ◆ Input Table :

Model	Input Range	Input Current
ACE-723A	85~135V AC or 180~265V AC, 47 ~ 440Hz	5A@115V AC or 3A@230V AC
ACE-723B	85~135V AC or 180~265V AC, 47 ~ 440Hz	5A@115V AC or 3A@230V AC
ACE-723T	-36 ~ -72V DC	8A@-48V DC
ACE-723C	+19 ~ +30V DC	16A@+24V DC

### ◆ Output Table (at 40°C) :

Model	Rated Load					Max. Output				
	+5V	+12V	-5V	-12V	+24V	+5V	+12V	-5V	-12V	+24V
ACE-723A	20A	6A	1A	1A		33A	12A	1.5A	1.5A	
ACE-723B	21A	6A	1A	1A	1A	33A	12A		1.5A	1.5A
ACE-723T	22A	6A		1A		33A	12A	1.5A	1.5A	
ACE-723C	22A	6A	1A	1A		33A	12A	1.5A	1.5A	

- ◆ Inrush Current (ACE-723A/B) : Not exceed 15A@115V AC or 30A@230V AC
- ◆ Ripple and Noise : Less than 100mV
- ◆ 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 1%@ 5V and -12V, 4%@+12V and +24V (ACE-723B)
- ◆ Efficiency : Higher than 75%
- ◆ Hold-up Time (ACE-723A/B) : 20ms (typical)@115V AC
- ◆ Protection : Over voltage protection. The trip point is around 5.9V ~ 7.0V output
- ◆ Thermal Protection : Built in 110 50c thermal switch in HS1
- ◆ Altitude : 0 ~ 10,000ft
- ◆ 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
- ◆ Hi-pot isolation :
  - 4300V DC, input to output for one minute
  - 2200V DC, input to ground for one minute
- ◆ MTBF :
  - ACE-723A : 206,500 Hours
  - ACE-723B : 206,300 Hours
  - ACE-723T : 206,700 Hours
  - ACE-723C : 205,900 Hours
- ◆ Safety : UL 478, 1012, 1950; TUV EN 60950 (ACE-723C/T) meets CE(ACE-723C/T)
- ◆ EMI : Meets FCC docket 20780 curve "A", EN50081-2 : CISPR22 "A"

- ◆ EMS Standard (Designed to meet the following limits) :
  - EN 50082-2
  - IEC 801-1 8KV (Air Discharge) criteria B
  - IEC 801-3, 10V/M criteria A
  - IEC 801-4, 2KV criteria B
  - IEC 801-5, 2KV criteria B
- ◆ Built-in cooling fan
- ◆ Operating temperature : -20°~ 70°C (Derating curve will occur 50° ~ 70°C)
- ◆ Storage temperature : -20°~ 85°C
- ◆ Dimensions : 112(W) x 51(H) x 203(D)mm; (4.4" x 2" x 8")

## ORDERING INFORMATION

- **ACE-723A**  
Rugged AC input 230W power supply
- **ACE-723B**  
Rugged AC input 230W PC and +24V power supply
- **ACE-723T**  
Rugged 48V DC input 230W power supply
- **ACE-723C**  
Rugged 24V DC input 230W power supply

## Dimensions

