

ACE-940AP

390W PS/2 Type AT Power Supply

ACE-935A/932A/930AP/925A/920A

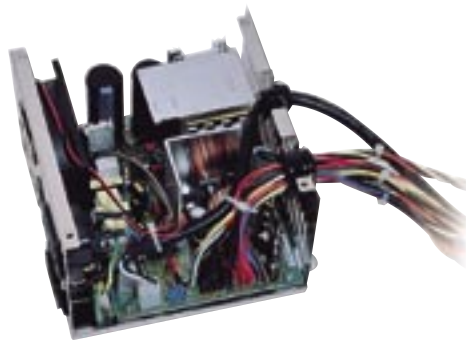
AC Input Industrial PS/2 Type Power Supply



ACE-940AP



ACE-93X Series



SPECIFICATIONS

◆ Input Table :

Model	Input range
ACE-940AP	95~264V AC , 47~63Hz(Full-Range)
ACE-935A	85~140V AC or 170~270V AC, 47~63Hz
ACE-932A	85~130V AC or 180~265V AC, 47~63Hz (Auto-Switch)
ACE-930AP(230V)	180 ~ 264V, AC, 47~53Hz
ACE-925A/925AP	85~265V AC, 47~63Hz (Full-Range)
ACE-920A/920AP	85~265V AC, 47~63Hz (Full-Range)

◆ Output Table : (at 40%)

Model	Rated Load				Peak Output	
	+5V	+12V	-12V	-5V	+5V	+12V
ACE-940AP	42A	15A	0.8A	0.3A	44A	18A
ACE-935A	40A	8A	0.7A	0.3A	44A	10A
ACE-932A	33A	8A	3A	0.5A	35A	10A
ACE-930AP(230V)	30A	12A	0.5A	0.5A	32A	15A
ACE-925A/925AP	22A	7A	0.7A	0.5A	25A	10A
ACE-920A/920AP	20A	4A	0.5A	0.5A	22A	7A

◆ Inrush Current

- ACE- 940AP: 80A(Peak) @115VAC or 120A(peak) @230VAC
- ACE- 935A/932A: Not exceed 15A@115V AC or 30A@230V AC
- ACE- 925A/925AP/920A/920AP: Not exceed 30A@115V AC or 60A@230V AC

◆ Ripple and Noise :

- ACE- 940AP: Less than 120mV @+12V and 3% of each output at rated load
- ACE- 935A/932A: Less than 1% of each output at rated load
- ACE- 925A/925AP/920A/920AP: Less than 140mV@+12V, and 1% of each other outputs at rated load

◆ Line Regulation :

- ACE- 940AP: The line regulation for each outputs are less than 5%
- ACE- 935A/932A: The line regulation for each outputs are less than 1%
- ACE- 925A/925AP/920A/920AP/930AP: Less than 2%@+12V and 1%@Others

◆ Efficiency : Higher than 65%

◆ Hold-up Time: ACE-940AP: 17ms (typical) @115V AC

ACE-935A/932A: 20ms (typical)@115V AC

ACE-925A/925AP/920A/920AP: 14ms (typical)@115V AC

◆ Altitude : 0~10,000ft

◆ Protection : Over voltage protection. The trip point is around 5.7V ~ 7.0V output Short circuit and overload

◆ 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-935A : 200,050 Hours -ACE-932A : 124,100 Hours

-ACE-925A : 204,100 Hours -ACE-920A : 216,700 Hours

-ACE-940AP: 100,000 Hours

◆ Safety : UL 1950; CSA 22.2 No. 234,(ACE-932A/935A)

TUV EN 60950(ACE-920AP/925AP/930AP)

meets CE (ACE-920AP/925AP/930AP/940AP)

◆ EMI : Meets FCC docket 20780 curve "B", EN55022 class "B"

Harmonic EN 61000-3-2 for ACE-940AP/925AP/920AP, 930AP at 230VAC

◆ EMS Standard (Design to meet the following limits) : EN 50082-2

◆ Operating temperature : -20°~70°C/0°~40°C(ACE-930A)/0°~50°C (940AP)

(Derating curve will occur 50°~70°C)

◆ Storage temperature : -40°~75°C

ORDERING INFORMATION

- **ACE-940AP** 390W AC input PS/2 type PFC power supply
- **ACE-935A** 350W AC input PS/2 type power supply
- **ACE-930AP(230V)** 300W AC input PS/2 type PFC power supply(230V only)
- **ACE-932A** 300W AC input PS/2 type power supply
- **ACE-925AP** 250W AC input PS/2 type PFC power supply
- **ACE-925A** 250W AC input PS/2 type power supply
- **ACE-920AP** 200W AC input PS/2 type PFC power supply
- **ACE-920A** 200W AC input PS/2 type power supply