

ACE-932T/925T/925P/925C/916V

DC Input Industrial
PS/2 Type Power Supply



Features

- ◆ Built-in ball bearing cooling fan
- ◆ Extra P10 (+5V) connector for most high-power requirement (ACE-932T)

SPECIFICATIONS



◆ Input Table :

Model	Input Range	Input Current
ACE-932T	-40 ~ -70V DC	9A@-48V DC
ACE-925P	+100 ~ +120V DC	4A@+110V DC
ACE-925T	-40 ~ -65V DC	8A@-48V DC
ACE-925C	+19 ~ +30V DC	16A@+24V DC
ACE-916V	+8.5 ~ +16V DC	25A@+12V

◆ Output Table : (at 50°C)

Model	Rated Load				Peak Output	
	+5V	+12V	-12V	-5V	+5V	+12V
ACE-932T	35A	10A	3A	0.5A	40A	12A
ACE-925P	25A	10A	1A	1A	30A	12A
ACE-925T	25A	8A	2A	1A	30A	12A
ACE-925C	25A	6A	2A	1A	30A	12A
ACE-916V	20A	4A	0.5A	0.5A	25A	7A

◆ Inrush Current

ACE-932T : Less than 5A@-48V DC
 ACE-925T : Less than 5A@-48V DC
 ACE-925C : Less than 5A@+24V DC
 ACE-916V : Less than 10A@+12V DC

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

◆ Line Regulation : The line regulation for each outputs are less than 1%

◆ Load Regulation :

Model	+5V	+12V	-12V	-5V
ACE-932T	<+/-3%	<+/-5%	<+/-1%	<+/-1%
ACE-925P	<+/-3%	<+/-5%	<+/-3%	<+/-3%
ACE-925T	<+/-4%	<+/-5%	<+/-1%	<+/-1%
ACE-925C	<+/-4%	<+/-5%	<+/-3%	<+/-3%
ACE-916V	<+/-3%	<+/-5%	<+/-1%	<+/-1%

◆ Efficiency : Higher than 65%

◆ Altitude : 0 ~ 15,000ft

◆ Protection :

- Over voltage protection. The trip point is around 5.7V ~ 7.0V output

- Short circuit and overload

- Thermal Protection : Built-in 110±5°C thermal switch in HS1

◆ 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-932T : 141,000 Hours

ACE-925T : 198,500 Hours

ACE-925C : 206,000 Hours

ACE-916V : 202,500 Hours

◆ Safety : UL 1950; TUV EN 60950, CSA 22.2 No. 234,(ACE-932T) meets CE.

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

◆ Built-in cooling fan

◆ Operating temperature : -20° ~ 70°C (Derating curve will occur 50° ~ 70°C)

◆ Storage temperature : -40° ~ 75°C

ORDERING INFORMATION

● ACE-932T

300W -48V DC input PS/2 type power supply

● ACE-925P

250W 110V DC input PS/2 type power supply

● ACE-925T

250W 48V DC input PS/2 type power supply

● ACE-925C

250W 24V DC input PS/2 type power supply

● ACE-916V

160W 12V DC input PS/2 type power supply