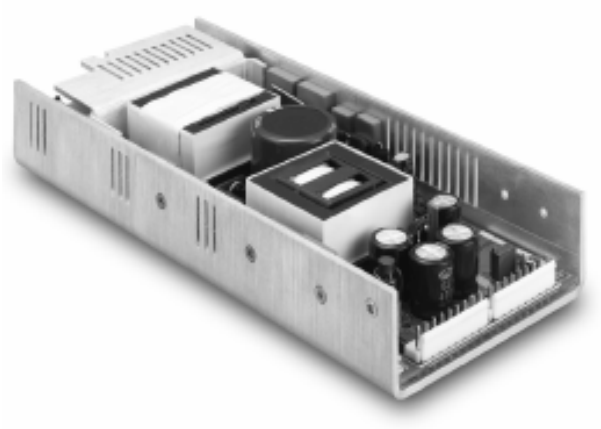
Intronics Power Inc.®
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AC350 SERIES

350 WATT SINGLE OUTPUT U FRAME AC-DC POWER SUPPLY WITH PFC



FEATURE

* Universal Input 90-264Vac
* Active PFC Meets EN61000-3-2
* EMI Meets CISPR/FCC Class B
* High Efficiency at 90%
* Remote Voltage Sense

MODEL	VOLTAGE OUTPUT	OUTPUT CURRENT(A)		RIPPLE & NOISE 1	VOLTAGE ACCURACY 2	LINE REG.3	VOLTAGE ADJ.RANGE	LOAD REG.4	EFFICIENCY (TYPICAL)
		RATED	MIN.						
AC350S-120	+12V	29.2	0	100mVp-p	±2%	±0.5%	10.8~13.2	±1%	88%
AC350S-150	+15V	23.4	0	100mVp-p	±2%	±0.5%	13.5~16.5	±1%	88%
AC350S-240	+24V	14.6	0	150mVp-p	±2%	±0.5%	21.6~26.4	±1%	90%
AC350S-360	+36V	9.7	0	150mVp-p	±2%	±0.5%	32.4~39.6	±1%	90%
AC350S-480	+48V	7.3	0	150mVp-p	±2%	±0.5%	43.2~52.8	±1%	91%

SPECIFICATIONS

Typical at 25℃, nominal line and 75% load, unless otherwise Specified

INPUT SPECIFICATIONS:

AC Input Voltage ..... 90~264Vac
Frequency ..... 47 to 63Hz
Inrush Current ..... 85A max.
EMI .....CISPR/FCC Class B
Isolation .....Input to output =3000VDC
Leakage Current..... 2mA max

OUTPUT SPECIFICATIONS:

Total Rated Output Power.....350W
(with 20CFM air flow or optional fan)
Remote Voltage Sense.....Compensates for wire Voltage
Hold-up Time .....16mS typ.
Over Voltage Protection.....Recycle AC input to restart
Over Temperature Protection.....Auto Recovery
Short Circuit Protection..... .Auto Recovery

ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature .....-10~65℃

45~65℃ with 2%/℃ Derating
PSU will be in thermal protection for exceeding the rated power output or the operating temperature

Storage Temperature ..... -40~85℃

MECHANICAL CHARACTERISTICS:

Dimensions.....235.2x101.5x38mm

NOTE:

1: Add a 0.1uF ceramic capacitor and a 47uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.

2: Voltage accuracy is set at 60% rated load and 25℃.Ta.

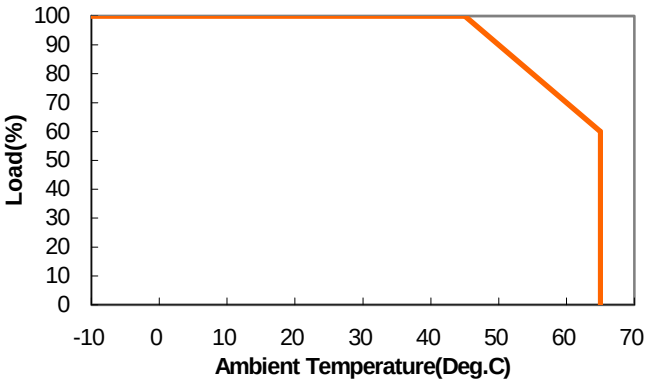
3: Line regulation is measured from High Line to Low Line with rated load.

5: Load regulation is measured at 60%±40% rated load.

6: Dimensions tolerance : +/- 1mm.

7: CN1(AC Input) : Molex 5273-05A or equivalent
CN2(DC Output) : Molex 5273-09A or equivalent
CN3(DC Output) : Molex 5273-09A or equivalent

AC350S Series Derating Curve



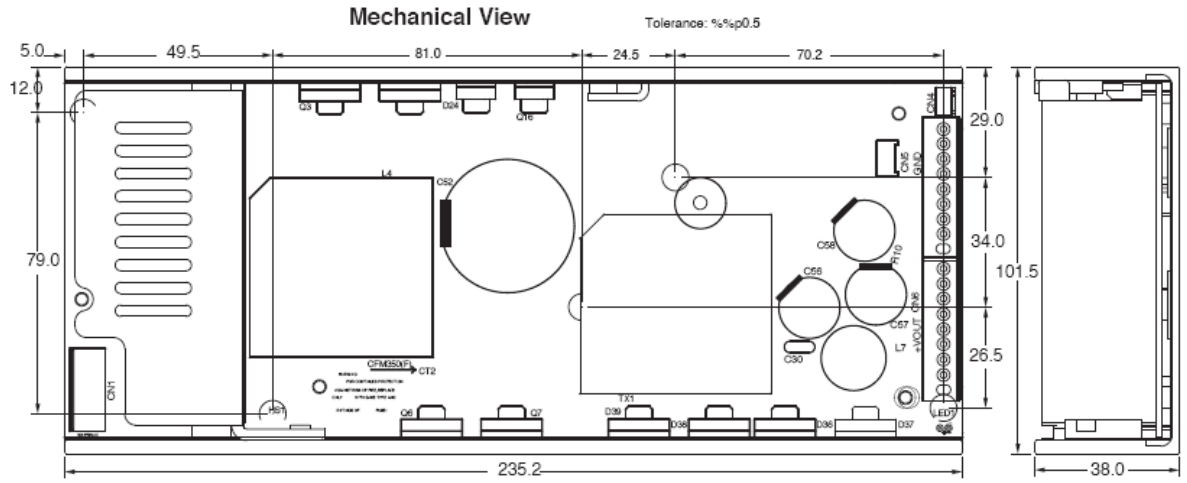
PIN CONNECTION		
CN1 (AC Input)		
Pin	**Name**	**NOTE**
1	FG	GOUND
2,4	N/A	
3	N	
5	L	

CN2 (AC Input)		
Pin	**Name**	**NOTE**
1~9	+48	

CN3 (AC Input)		
Pin	**Name**	**NOTE**
10~18	GND	

Mechanical Specification

All Dimensions In mm



Typical at 25℃, nominal line and 75% load, unless otherwise Specified