



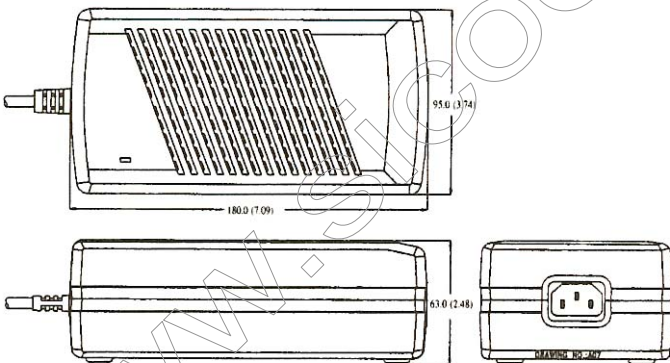
Description:

It was a great challenge to engineers to place a 120W output universal power adapter with active PFC into a 95 X 180 X 63.0mm box. Increasing overall efficiency and the special Cafe of heat dissipate make SNP-A12 series reaching this impossible mission. Furthermore, this series was designed with patented Ring-Free ZVS & Active PFC.

General Specifications :

Over load protection	Auto-recovery
Operating temperature	0°C to 40°C
Cooling	Free air convection
Storage temperature	-20°C to +85°C
EMI	FCC class "B" CISPR22 level "B"
Harmonies	EN61000-3-2 class D
EMS	EN61000-4-2, -3, -4, -5,-6,-11
Safety	UL60950 CSA 22.2 No. 224 TUV EN60950

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Notes:

1. Dimensions shown in mm (inch) as above. Tolerance: ±1mm (excluding cables).
2. Size: 95 x 180 x 63 mm
3. Connectors: AC input: IEC 320 Inlet
DC output: Molex 5557-06 or equivalent
4. Box color : Black



Output Specifications :

MODEL NO.	OUTPUT RAIL	LOAD			VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	PEAK				
SNP-A127	+12V	0A	9A	15A	+11.40V~+12.60V	100mVpp	±1%	±3%
SNP-A128	+15V	0A	7.2A	10A	+14.25V~+15.75V	100mVpp	±1%	±3%
SNP-A129	+24V	0A	5A	7A	+22.80V~+25.20V	100mVpp	±1%	±3%
SNP-A12T	+48V	0A	2.5A	4A	+45.60V~+50.40V	100mVpp	±1%	±3%

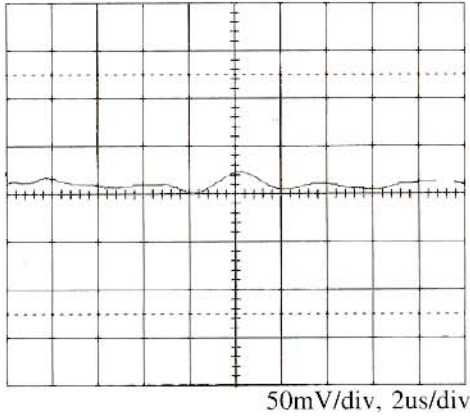
Note :

1. Output can provide up to peak load when the power supply starts up. Continuous staying in more than rated load is not allowed.
2. At factory, in 60% rated load condition, each output is checked to be within voltage accuracy.
3. Line regulation is defined by changing $\pm 10\%$ of input voltage from nominal line at rated load.
4. Load regulation is defined by changing $\pm 40\%$ of measured output load from 60% rated load.
5. Ripple & noise is measured by using 15MRz bandwidth limited oscilloscope and terminated each output with a 0.47 μ F capacitor at rated load and nominal line.
6. Hold up time is measured from the end of the last charging pulse to the time which the main output drops down to low limit of main output at rated load and nominal line.
7. Efficiency is measured at rated load, and nominal line.

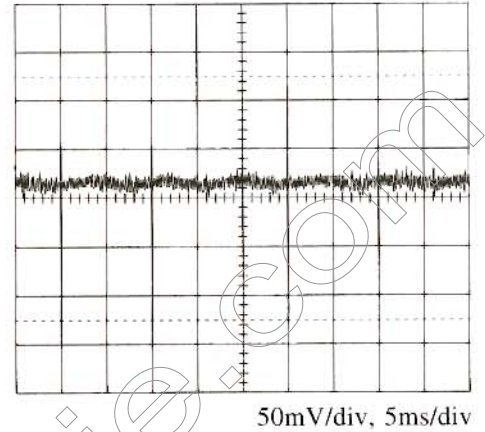


Performance for SNP-A127:

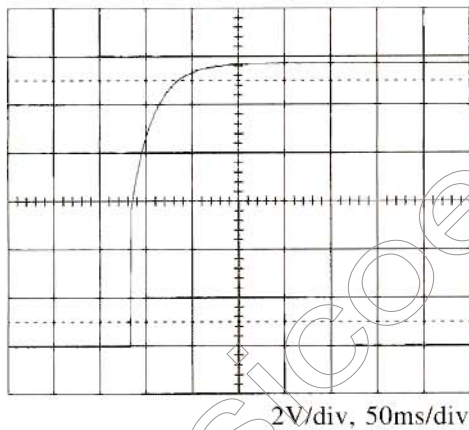
1. Switching frequency ripple



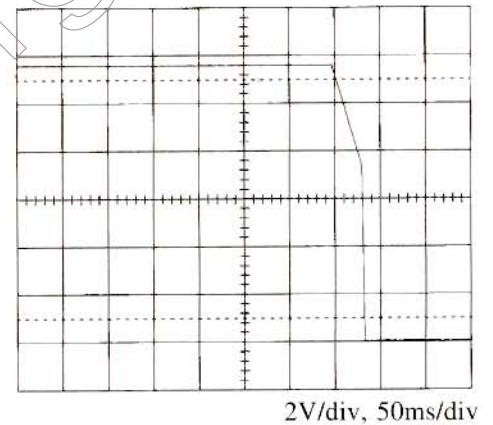
2. Line frequency ripple



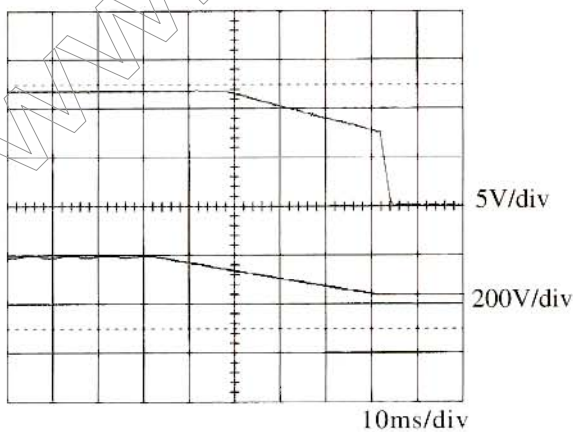
3. Output turn on wave form



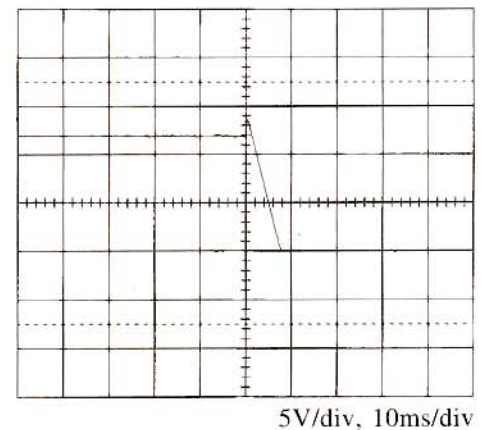
4. Output turn off wave form



5. Hold-up time



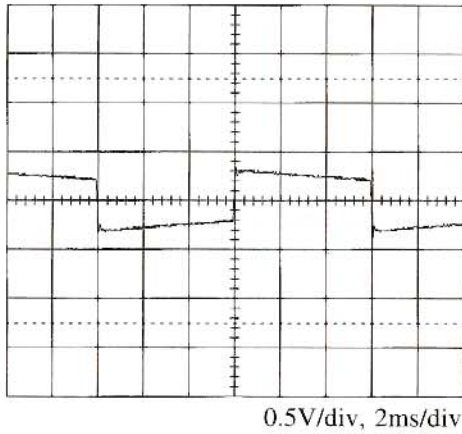
6. Over voltage protection



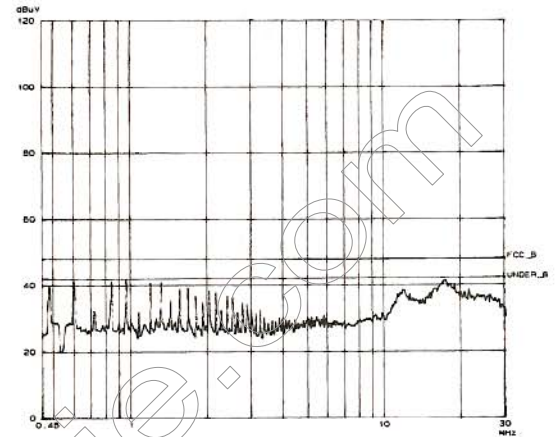
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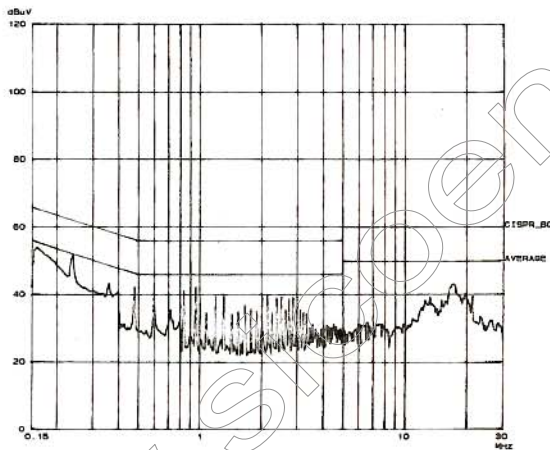
7. +12V step response



8. FCC B



9. CISPR 22 B



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