



Features:

- Efficiency > 65%
- PS2 size mounting
- Meet UL, CSA, and TUV safety

Applications:

- For industrial PC, work stations and equivalent systems

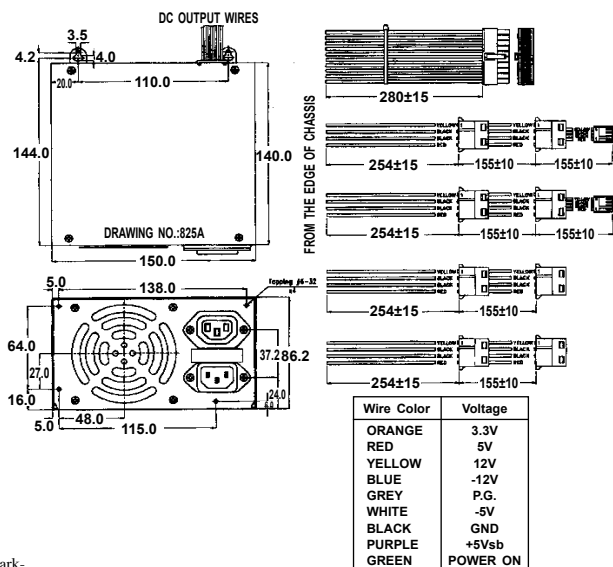
General Specifications:

Input voltage 115V/230V auto-switched circuit
 Efficiency > 65% at rated load
 Short circuit protection hiccup
 Over voltage protection latch off
 Operating temperature 0°C to 70°C, derating: 2% / °C > 40°C
 Inrush current < 40A at 115VAC
 (cold start at 25°C) or < 80A at 230VAC

Cooling forced air convection
 Hold up time longer than 20ms at rated load and 115VAC
 Storage temperature -40°C to +75°C
 Humidity up to 95% non condensing
 EMI radiation..... FCC "B", EN55022 "B"
 EMS IEC-801-2,-3,-4,-5
 Safety meet UL 1950
 CSA C22.2 No. 950, EN60950-1

Mechanical Specifications:

SNP-825A



Notes:

1. Dimensions shown in mm as left. Tolerance specified is ± 0.8 mm.
2. Size: 150 x 140 x 86.2 (mm)
3. Packing:
 Net weight: 1600 g approx. / unit
 Gross weight: 15 kg approx. / carton, 8 units / carton
 Carton size (mm): 470 (L) x 460 (W) x 220 (H)
4. AC Connector:
 AC inlet: Meet IEC 320/CEE 22 standard
 AC outlet: Meet IEC 320/CEE 22 standard
5. DC Connector::
 ATX : ALEX 9358-20 or equivalent
 Disk driver: AMP 1-480424-0 or equivalent
 3 1/2" floppy driver: AMP 171822-94 or equivalent

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10 years Warranty (contact Skynet's Distributors for details)

Output Specifications:

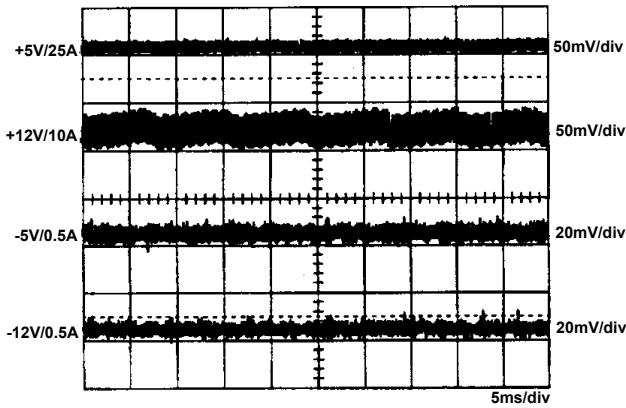
MODEL NO.	OUTPUT RAIL	LOAD				VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.	EFFICIENCY TYPICAL
		MIN.	RATED	MAX.	PEAK					
SNP-825A	+5V	2A	25A	30A		+4.8V~+5.2V	50mVpp	±1%	±3%	65%
	+12V	0.1A	10A	15A		+11.4V~+12.6V	100mVpp	±1%	±5%	
	-12V	0A	0.5A	15A		-11.4V~-12.6V	100mVpp	±1%	±2%	
	-5V	0A	0.5A	1A		-4.75V~-5.25V	100mVpp	±1%	±2%	
	+3.3V	0A	8A	15A		+3.13V~+3.47V	50mVpp	±1%	±2%	
	+5Vsb	0A	0.72A	1.2A		+4.75V~+5.25V	100mVpp	±1%	±3%	

Notes:

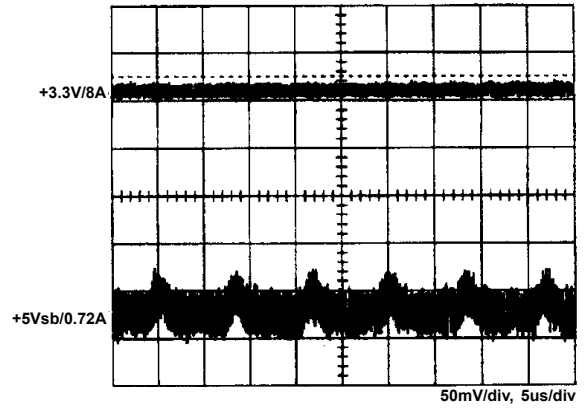
1. Each output can provide up to max. load separately when the power supply starts up. To exceed the max. output power continuously is not allowed.
2. At factory, all outputs in 60% rated load condition, each output is checked to be within the accuracy range.
3. Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
4. Load regulation is defined by changing ±40% of measured output load from 60% rated load at another output set to 60% rated load.
5. Ripple & noise is measured by using 15MHz bandwidth limited oscilloscope and terminated each output with a 0.47μF 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-825A:

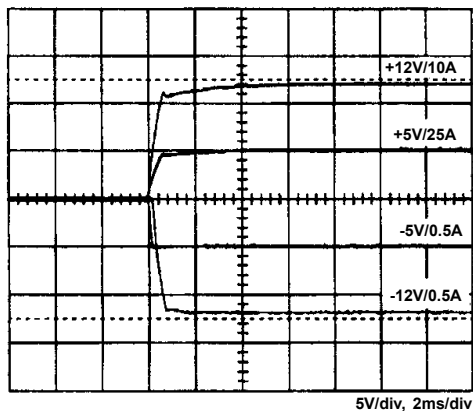
1. Line frequency ripple



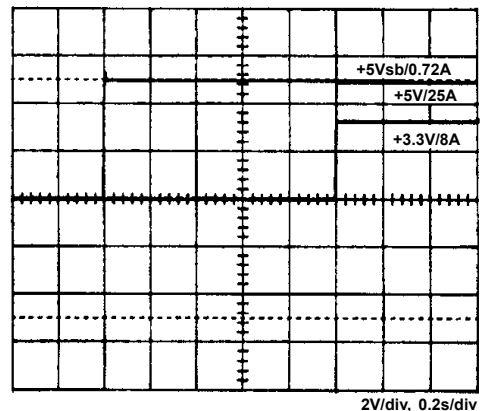
2. Line frequency ripple



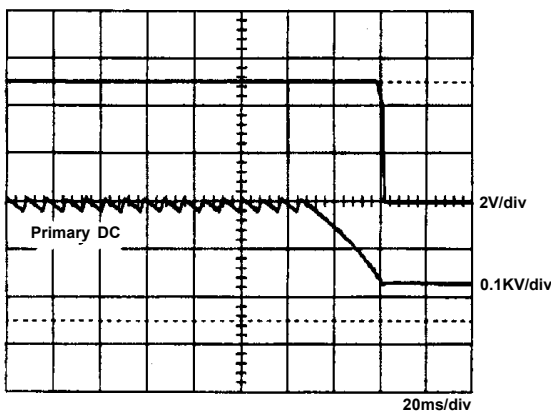
3. Output turn on wave form



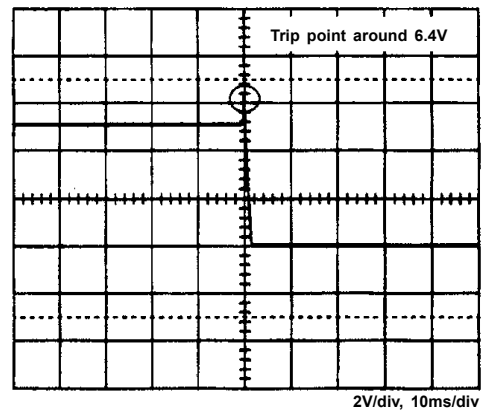
4. Output turn on wave form



5. Hold up time

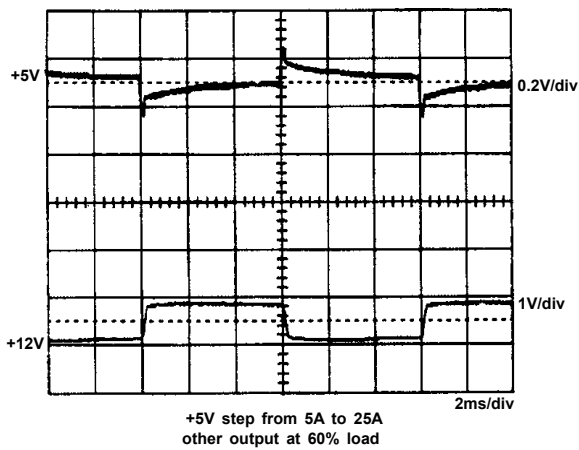


6. Over voltage protection

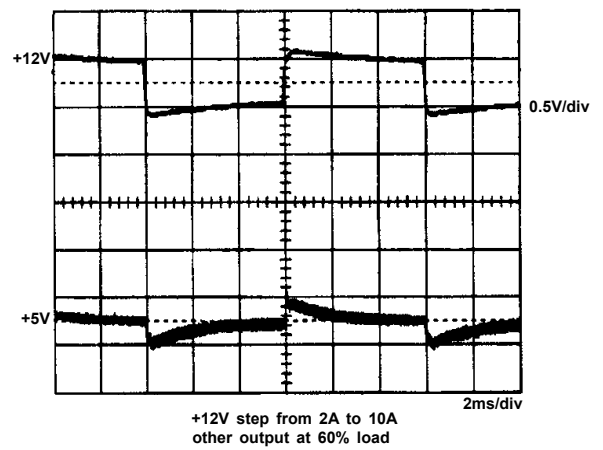


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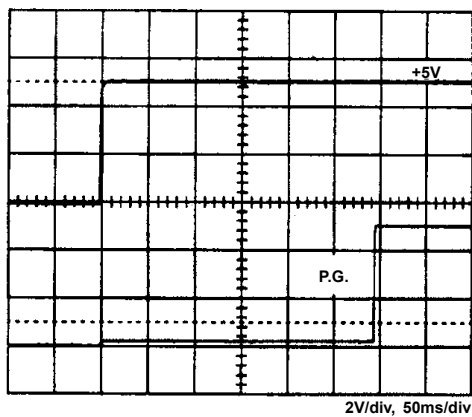
7. +5V step response



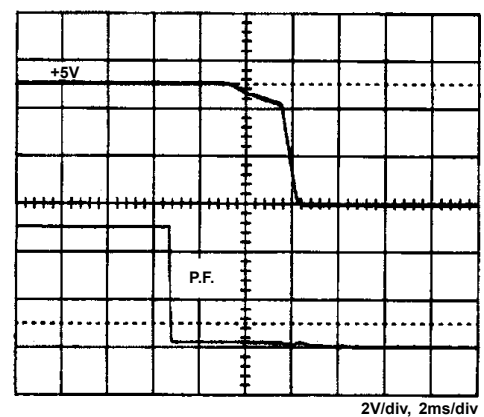
8. +12V step response



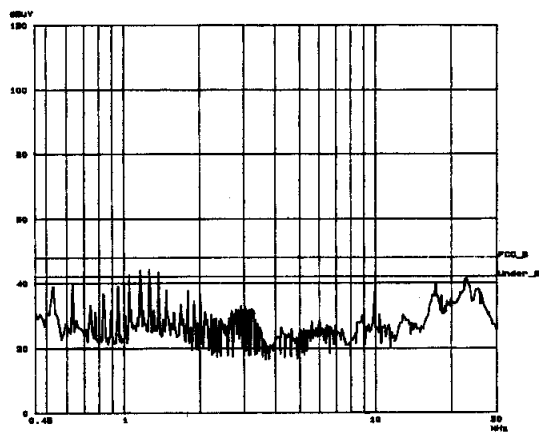
9. Power good signal



10. Power fail signal



11. FCC B



12. EN 55022 B

