



## Output Specifications:

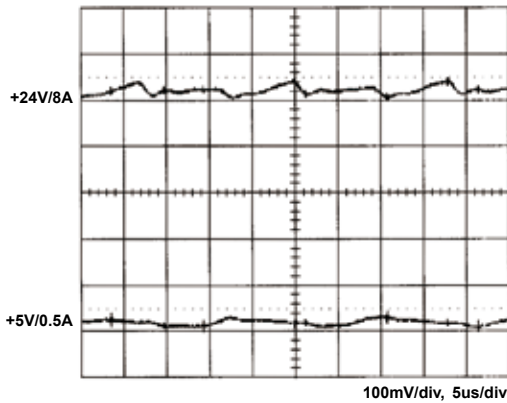
MODEL NO.	OUTPUT RAIL	LOAD				VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.	EFFICIENCY TYPICAL
		MIN.	RATED	MAX.	PEAK					
SNP-A207-S	+12V	0A	15A		28A	+11.40V~+12.60V	200mVpp	±0.5%	±3%	89%
	+5Vsb	0A	0.5A		1A	+4.75V~+5.25V	100mVpp			
SNP-A209-S	+24V	0A	8A		14A	+22.80V~+25.20V	200mVpp	±0.5%	±3%	89%
	+5Vsb	0A	0.5A		1A	+4.75V~+5.25V	100mVpp			

### Note:

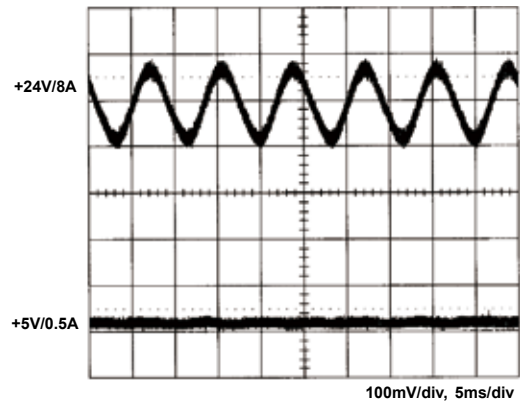
1. At peak load, the output can last for 5 seconds without shut down.
2. At factory, in 60% rated load condition, each output is checked to be within voltage accuracy.
3. Line regulation is defined by changing  $\pm 10\%$  of input voltage from nominal line at rated load.
4. Load regulation is defined by changing  $\pm 40\%$  of measured output load from 60% rated load.
5. Ripple & noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.47uF + 47uF 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-A209-S (input voltage is 115VAC, unless others specified):

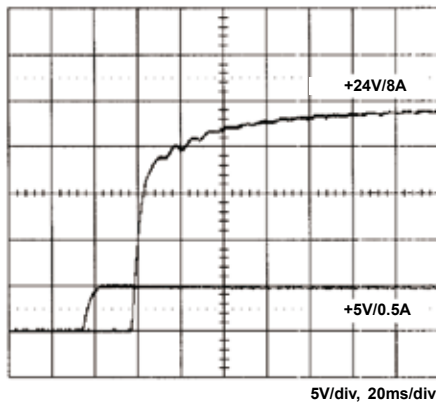
1. Switching frequency ripple



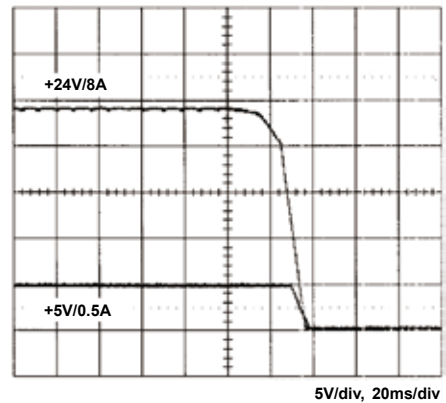
2. Line frequency ripple



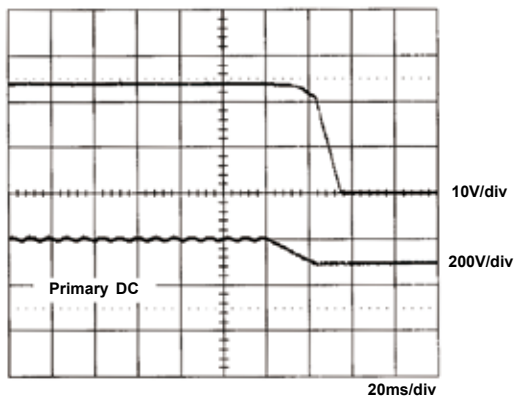
3. Output turn on wave form



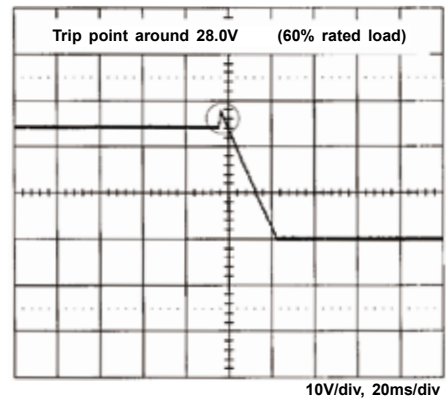
4. Output turn off wave form



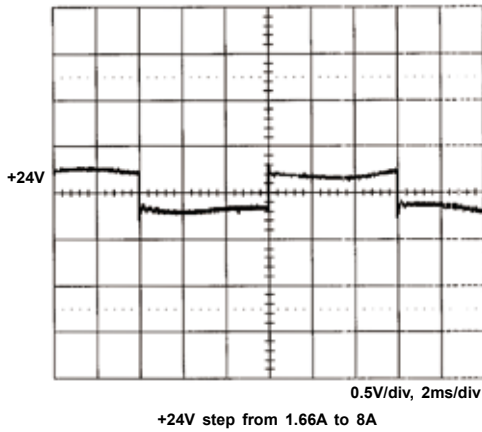
5. Hold-up time



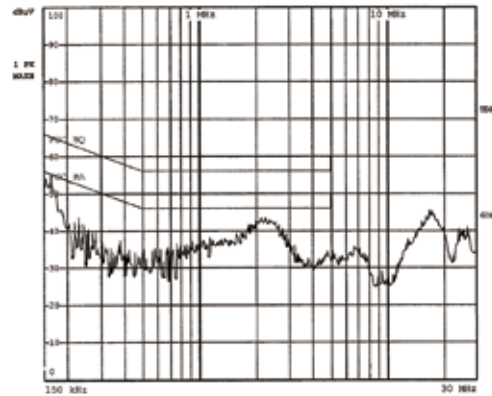
6. Over voltage protection



7. +24V step response



8. FCC B



9. EN 55011 B

