

Output Specifications:

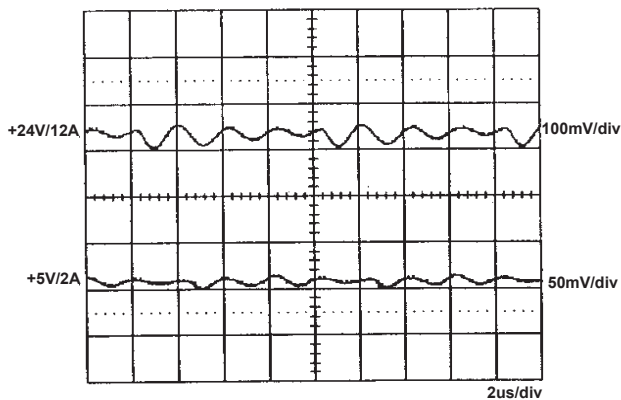
MODEL NO.	OUTPUT RAIL	LOAD			VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	MAX.				
SNP-Z301	+5V	0A	32A	45A	+4.95V~+5.05V	50mVpp	±1%	±1%
	+12V	0A	10A	14A	+11.40V~+12.60V	100mVpp	±1%	±1%
	-12V	0A	1A	2A	-11.40V~-12.60V	100mVpp	±1%	±1%
SNP-Z30D	+3.3V	0A	20A	30A	+3.20V~+3.40V	50mVpp	±1%	±1%
	+5V	0A	20A	30A	+4.75V~+5.25V	50mVpp	±1%	±1%
	+12V	0A	8A	10A	+11.40V~+12.60V	100mVpp	±1%	±5%
SNP-Z305	+18V	0A	16A	19.5A	+17.80V~+18.20V	50mVpp	±1%	±1%
	+12V(floating)	0A	1A		+11.75V~+12.75V	100mVpp	±1%	±3%
SNP-Z306	+5V	0A	60A	72A	+4.95V~+5.05V	50mVpp	±1%	±1%
SNP-Z307	+12V	0A	25A	30A	+11.80V~+12.20V	100mVpp	±1%	±1%
	+5V(floating)	0A	2A		+4.80V~+5.20V	50mVpp	±1%	±1%
SNP-Z308	+15V	0A	20A	23A	+14.8V~+15.2V	150mVpp	±1%	±1%
	+12V(floating)	0A	0.5A		+11.76V~+12.24V	50mVpp	±1%	±1%
SNP-Z308-1	+15V	0A	20A	23A	+14.80V~+15.20V	150mVpp	±0.5%	±1%
	+5V(floating)	0A	2A		+4.90V~+5.10V	50mVpp	±0.5%	±1%
SNP-Z309	+24V	0A	12A	14.6A	+23.80V~+24.20V	200mVpp	±1%	±1%
	+5V(floating)	0A	2A		+4.80V~+5.20V	50mVpp	±1%	±1%
SNP-Z30C	+9.5V	0A	25A	30A	+9.30V~+9.70V	95mVpp	±0.5%	±1%
SNP-Z30T	+48V	0A	6.25A	7.3A	+47.80V~+48.20V	200mVpp	±1%	±1%
	+5V(floating)	0A	2A		+4.80V~+5.20V	50mVpp	±1%	±1%
SNP-Z30B	+3.3V	0A	70A	90A	+3.14V~+3.47V	50mVpp	±1%	±1%

Note:

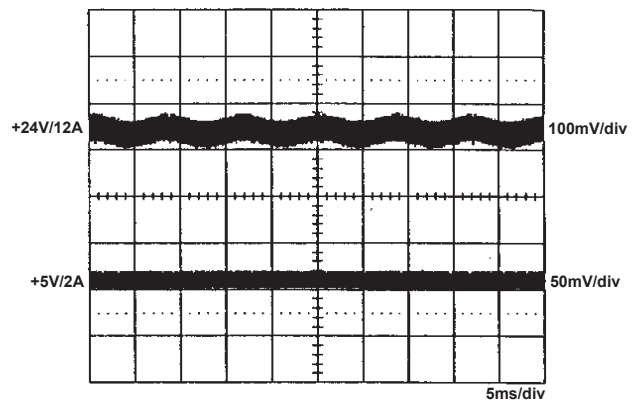
1. Each output can provide up to max load separately. Continuous staying in more than total output power is not allowed in free air convection. The max. load must be with 18 CFM fan cooling.
2. At factory, in 60% rated load condition, each output is checked to be within voltage accuracy.
3. Line regulation 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 0.47uF 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-Z309 (input voltage is 115VAC, unless others specified):

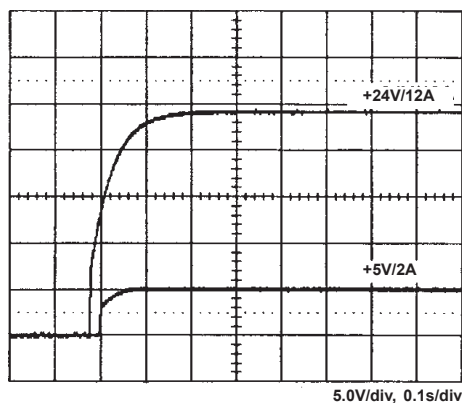
1. Switching frequency ripple



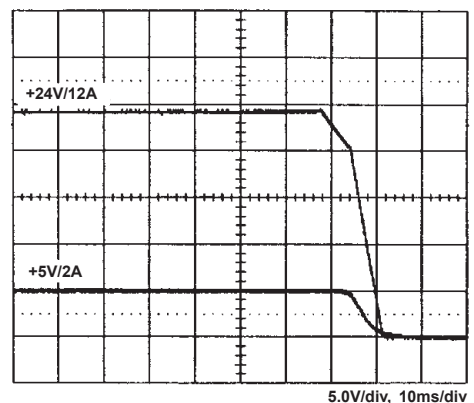
2. Line frequency ripple



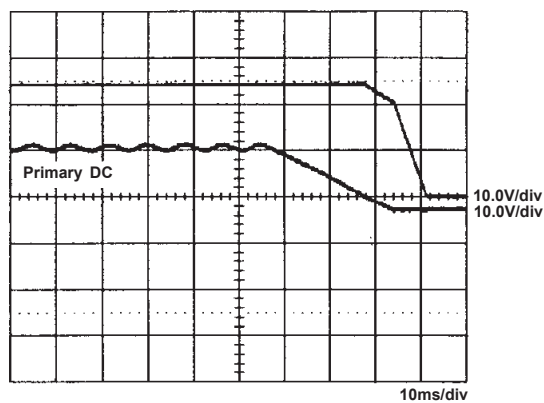
3. Output turn on wave form



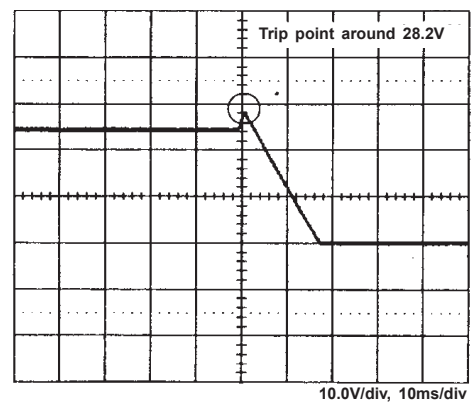
4. Output turn off wave form



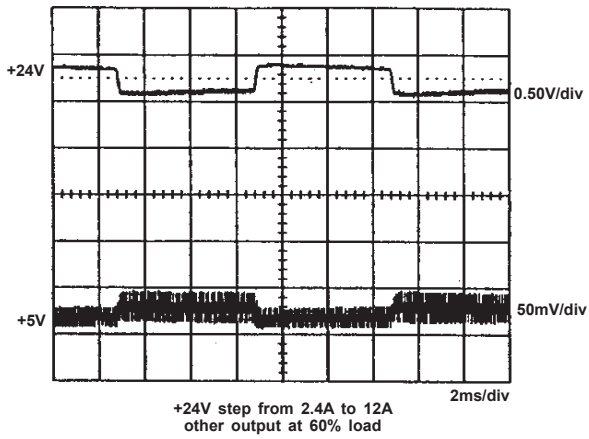
5. Hold-up time



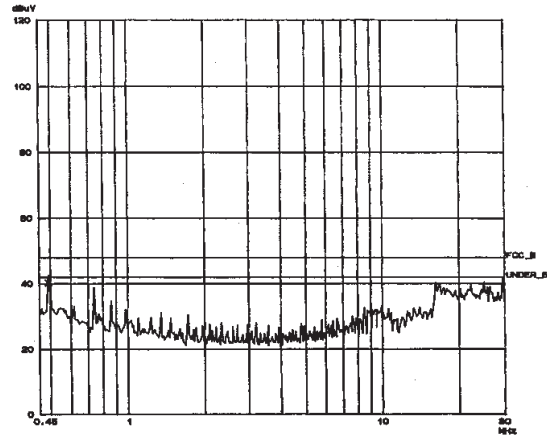
6. Over voltage protection



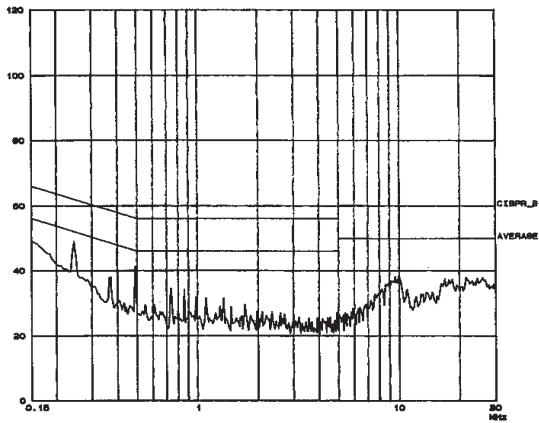
7. +24V step response



8. FCC B



9. CISPR 22 B



10. Thermal Profile

