

Output Specifications:

MODEL NO.	OUTPUT RAIL	LOAD				INITIAL ACCURACY	STEP EFFICIENCY			AVERAGE EFFICIENCY
		MIN.	RATED	MAX.	PEAK		@ 20% LOAD	@ 50% LOAD	@ 100% LOAD	
SNP-G167 -U SNP-G167 -UA SNP-G167 -UM SNP-G167 -U5	+12V	0A	13.3A	20A	26.6A	+11.9V~+12.1V	80%	88%	89%	85.5%
SNP-G168 -U SNP-G168 -UA SNP-G168 -UM SNP-G168 -U5	+15V	0A	10.66A	16A	21.3A	+14.9V~+15.1V	80%	88%	89%	85.5%
SNP-G165 -U SNP-G165 -UA SNP-G165 -UM SNP-G165 -U5	+18V	0A	8.88A	13.33A	17.8A	+17.9V~+18.1V	80%	88%	89%	85.6%
SNP-G169 -U SNP-G169 -UA SNP-G169 -UM SNP-G169 -U5	+24V	0A	6.66A	10A	13.3A	+23.9V~+24.1V	80%	87%	89%	85.3%
SNP-G16G-U SNP-G16G-UA SNP-G16G-UM SNP-G16G-U5	+28V	0A	5.7A	8.55A	11.4A	+27.9V~+28.1V	80%	90%	90%	86.6%
SNP-G16J -U SNP-G16J -UA SNP-G16J -UM SNP-G16J -U5	+36V	0A	4.45A	6.66A	8.9A	+35.8V~+36.2V	80%	89%	89%	86%
SNP-G16T-U SNP-G16T-UA SNP-G16T-UM SNP-G16T-U5	+48V	0A	3.35A	5A	6.67A	+47.8V~+48.2V	90%	90%	89%	86.6%

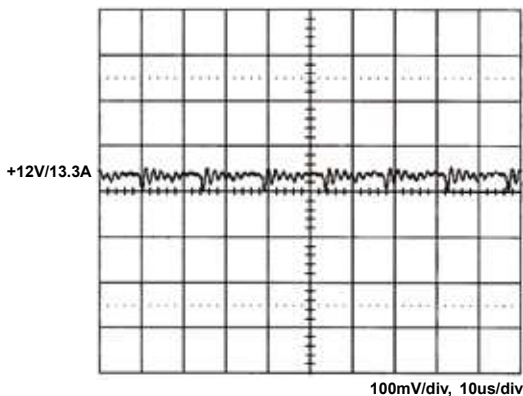
Note:

- Standby Power Consumption with System:**
For computers and displays, ENERGY STAR in U.S. and ErP regulation in Europe require the input power should be less than 0.5W at standby mode.
- Output Load:**
160W for convection cooling; 240W for forced air cooling.
- Peak Load Duration:**
Peak 320W can last for 5 sec.
- Isolation Grade:**
Primary ↔ Ground : 1MOPP (1500Vac)
Primary ↔ Secondary : 2MOPP (4000Vac)
Secondary ↔ Ground : 1MOPP (1500Vac)
- Leakage Current:**
Earth leakage current < 300uA
Touch current < 100uA
- Model Selection:**
Most of power supplies will create audible burst sound at light load, if the application wants to meet input power < 0.5W at standby mode.
SNP-G16x-U is for ITE application which requires standby mode.
SNP-G16x-UA is for ITE application but without burst sound and no standby mode.
SNP-G16x-UM is for medical application which requires standby mode.
SNP-G16x-U5 is for medical application but without burst sound and no standby mode.

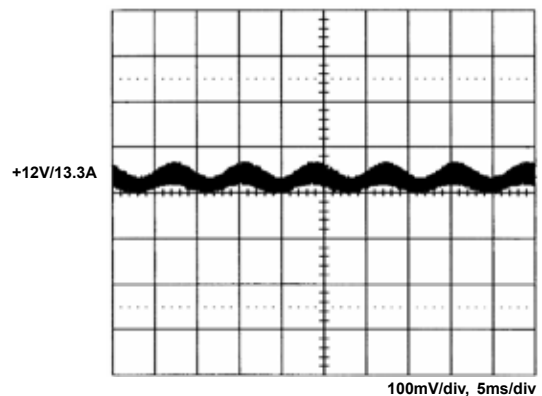
* SNP-G16x-U5, 5=MA

Performance for SNP-G167-U:

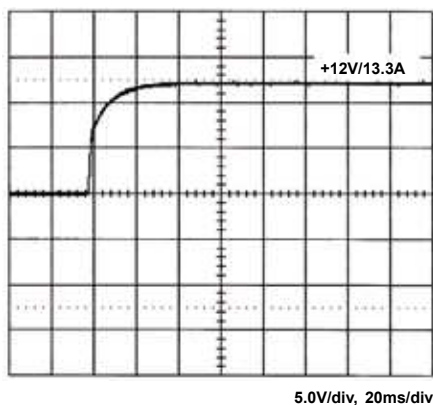
1. Switching frequency ripple



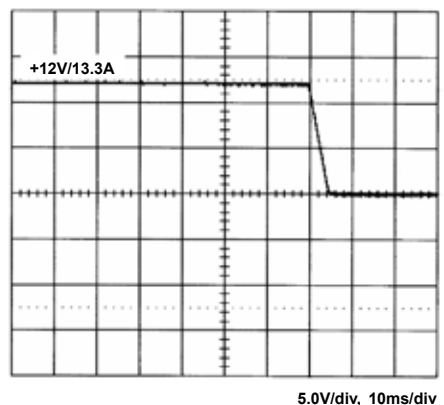
2. Line frequency ripple



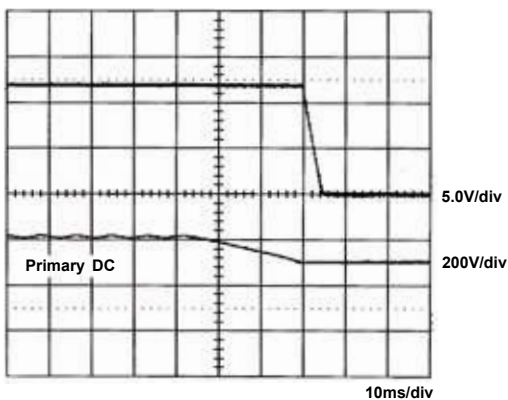
3. Output turn on wave form



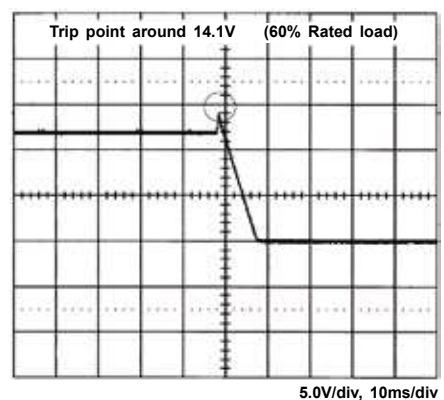
4. Output turn off wave form



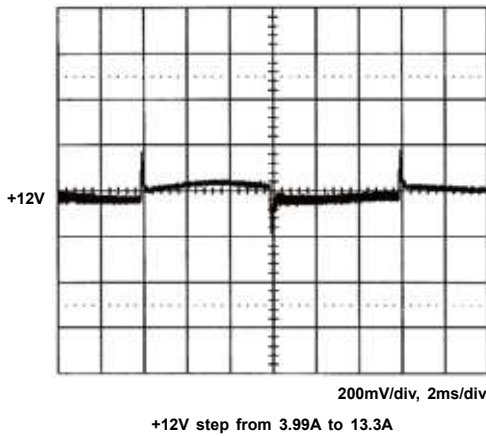
5. Hold-up time



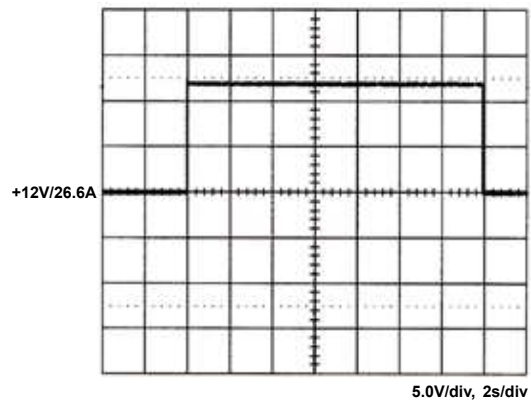
6. Over voltage protection



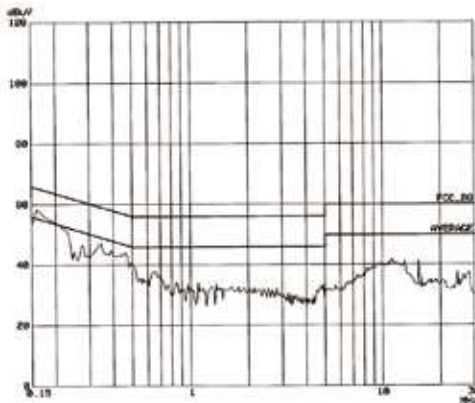
7. +12V step response



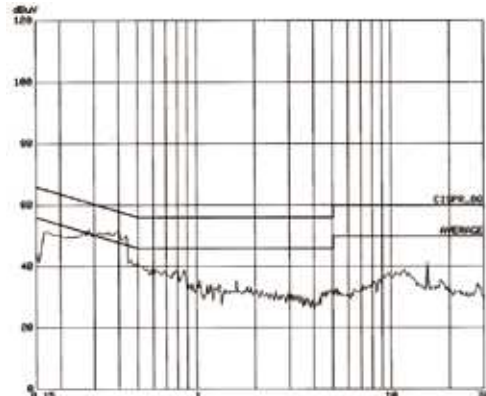
8. Peak load



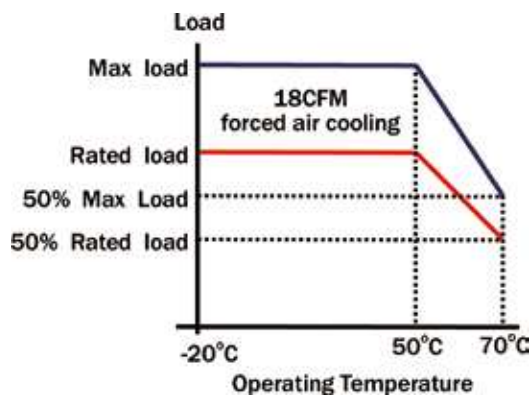
9. FCC B



10. EN55022 B



11. Power derating curve



12. Capability for driving motor

