

Output Specifications:

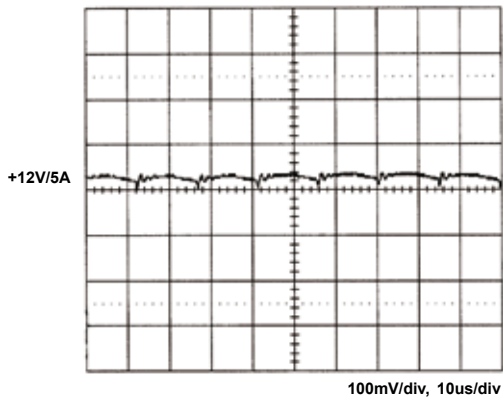
MODEL NO.	OUTPUT RAIL	LOAD				INITIAL ACCURACY	STEP EFFICIENCY			AVERAGE EFFICIENCY
		MIN.	RATED	MAX.	PEAK		@ 20% LOAD	@ 50% LOAD	@ 100% LOAD	
SNP-HF67 SNP-HF67 -A SNP-HF67 -M SNP-HF67 -MA	+12V	0A	5A	6A	8A	+11.9V~+12.1V	88% 83%	89% 87%	86% 85%	87% 85%
SNP-HF68 SNP-HF68 -A SNP-HF68 -M SNP-HF68 -MA	+15V	0A	4A	4.8A	6.1A	+14.9V~+15.1V	88% 83%	89% 87%	86% 85%	87% 85%
SNP-HF69 SNP-HF69 -A SNP-HF69 -M SNP-HF69 -MA	+24V	0A	2.5A	3A	4A	+23.8V~+24.2V	88% 83%	89% 87%	86% 85%	87% 85%
SNP-HF6T SNP-HF6T-A SNP-HF6T-M SNP-HF6T-MA	+48V	0A	1.3A	1.5A	2A	+47.6V~+48.4V	88% 83%	89% 87%	86% 85%	87% 85%

Note:

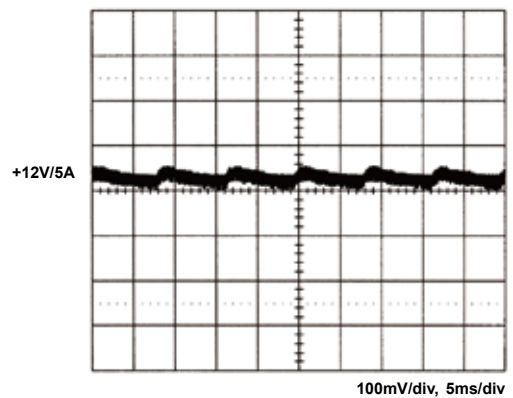
- Standby Power Consumption with System:**
For computers and displays, ENERGY STAR in U.S. and ErP regulation in Europe require the input power should be less than 0.5W at standby mode.
- Output Load:**
60W for convection cooling; 72W for forced air cooling.
- Peak Load Duration:**
Peak 96W can last 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
- EMI Grounding:**
If there is a metal sheet under the power supply, connect the EMI ground to that metal sheet.
- 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-HF6x is for ITE application which requires standby mode.
SNP-HF6x-A is for ITE application but without burst sound and no standby mode.
SNP-HF6x-M is for medical application which requires standby mode.
SNP-HF6x-MA is for medical application but without burst sound and no standby mode.

Performance for SNP-HF67-A:

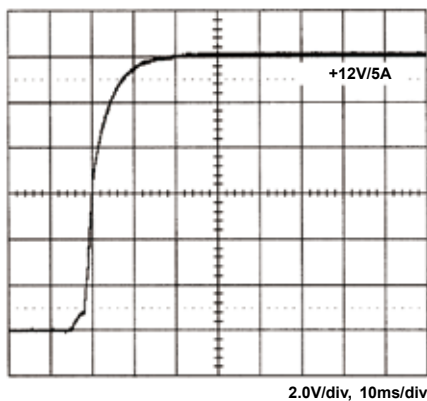
1. Switching frequency ripple



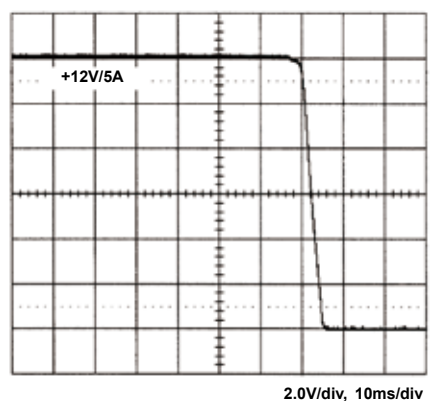
2. Line frequency ripple



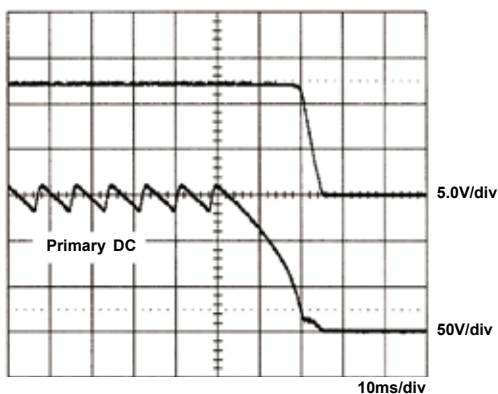
3. Output turn on wave form



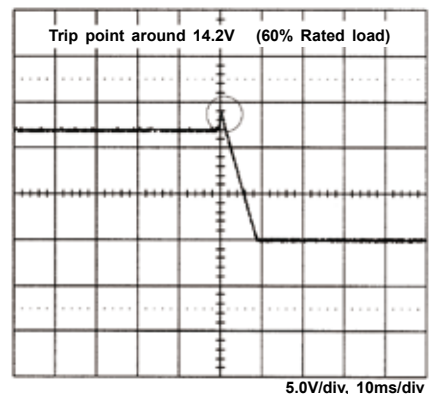
4. Output turn off wave form



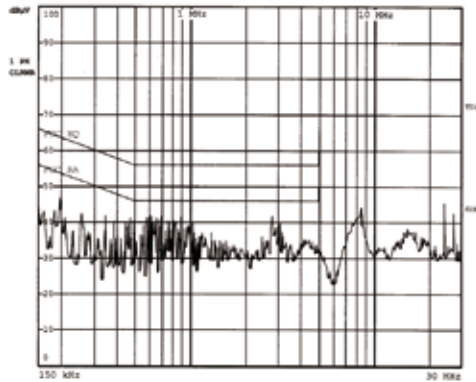
5. Hold-up time



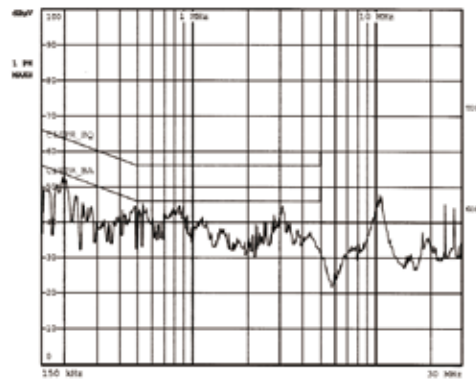
6. Over voltage protection



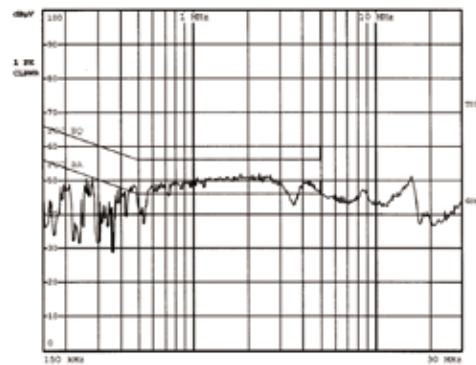
7. FCC B Class I



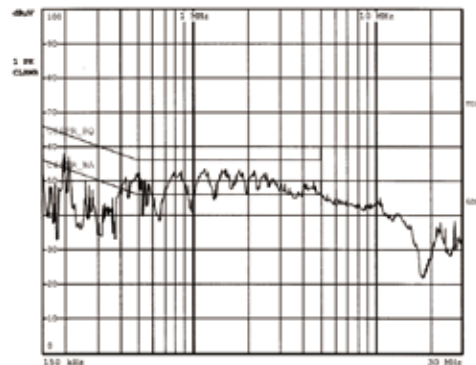
8. EN55011 22 B Class I



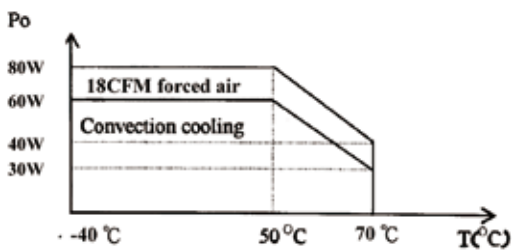
9. FCC B Class II



10. EN55011 22 B Class II



11. Power derating curve



12. Power derating curve

