

Output Specifications:

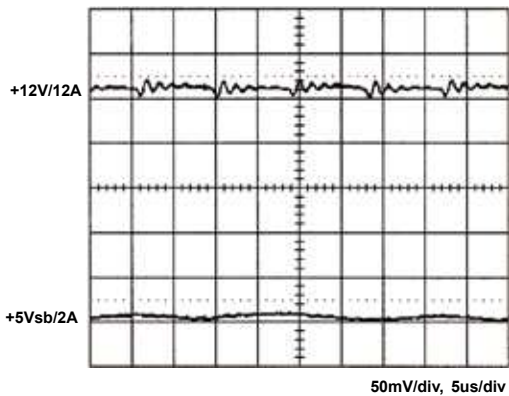
MODEL NO.	OUTPUT RAIL	LOAD				INITIAL ACCURACY	STEP EFFICIENCY			AVG. EFF.	STATUS
		MIN.	RATED	MAX.	PEAK		@ 20% LOAD	@ 50% LOAD	@ 100% LOAD		
SNP-P157 -S	+12V +5Vsb	0A	12A 2A		18A	+11.9V~+12.1V	83%	87%	86%	85%	ready
SNP-P158 -S	+15V +5Vsb	0A	9.6A 2A		14.4A	+14.9V~+15.1V	83%	87%	86%	85%	ready
SNP-P155 -S	+18V +5Vsb	0A	8A 2A		12A	+17.9V~+18.1V	83%	87%	86%	85%	ready
SNP-P159 -S	+24V +5Vsb	0A	6A 2A		9A	+23.9V~+24.1V	83%	87%	86%	85%	ready
SNP-P15G-S	+28V +5Vsb	0A	5.1A 2A		7.7A	+27.9V~+28.1V	83%	87%	86%	85%	ready
SNP-P15J -S	+36V +5Vsb	0A	4A 2A		6A	+35.8V~+36.2V	83%	87%	86%	85%	ready
SNP-P15T-S	+48V +5Vsb	0A	3A 2A		4.5A	+47.8V~+48.2V	83%	87%	86%	85%	ready

Note:

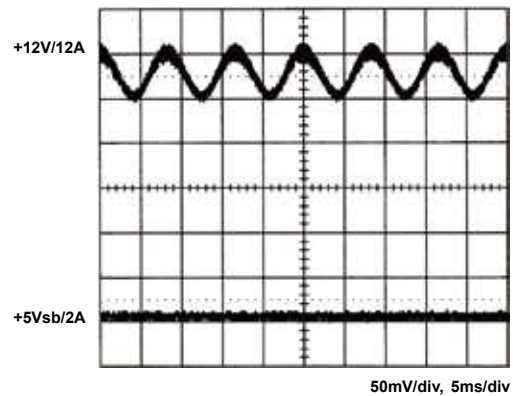
- Standby Power Consumption with System:**
For computers and displays, ENERGY STAR in U.S. and ErP regulation in Europe require the input power should be less than 0.5W at standby mode.
- Output Load:**
154W for convection cooling.
- Peak Load Duration:**
Peak 220W can last for 5 sec.
- Isolation Grade:**
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-P15x-S is for ITE & medical applications which require standby mode.

Performance for SNP-P157-S:

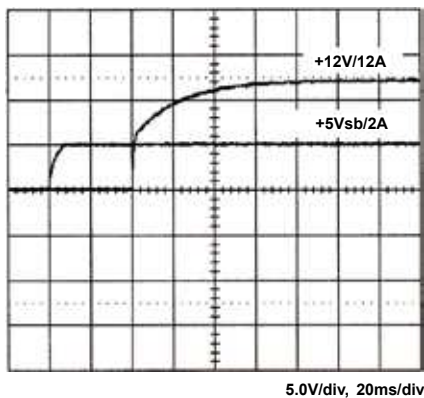
1. Switching frequency ripple



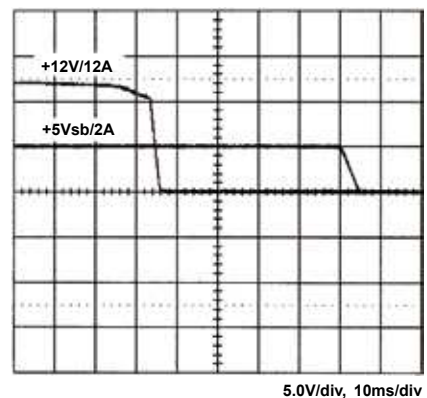
2. Line frequency ripple



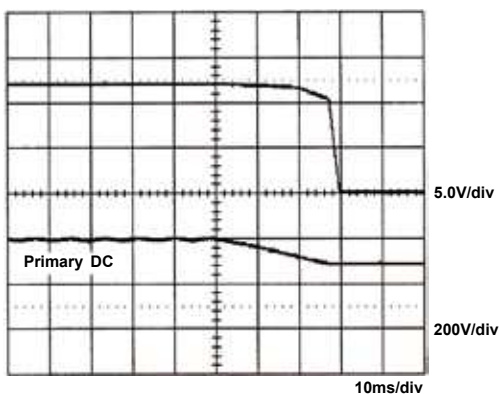
3. Output turn on wave form



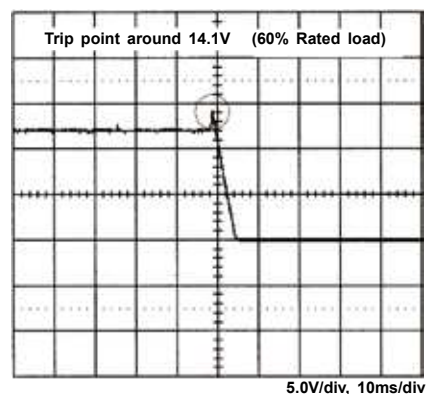
4. Output turn off wave form



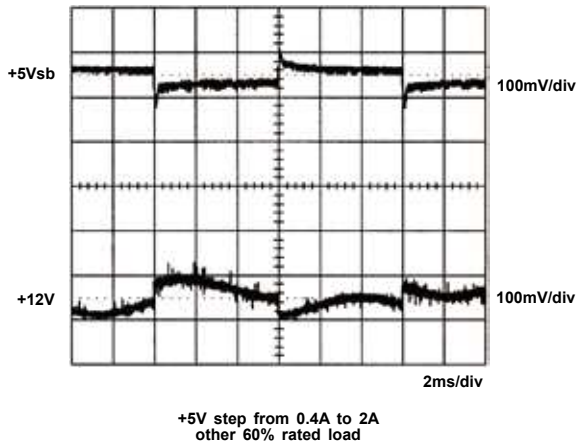
5. Hold-up time



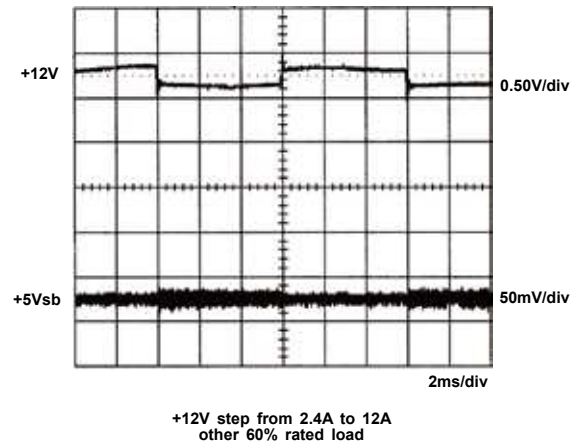
6. Over voltage protection



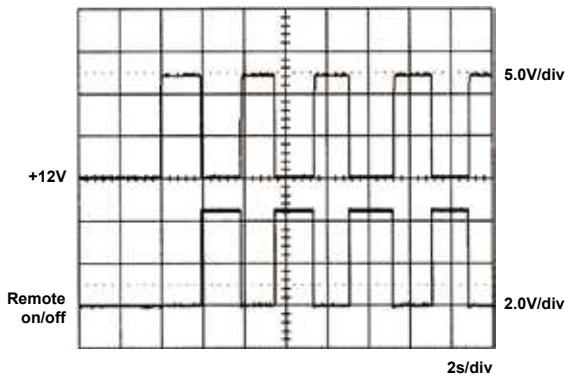
7. +5Vsb step response



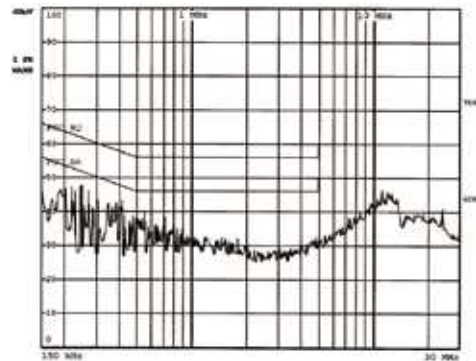
8. +12V step response



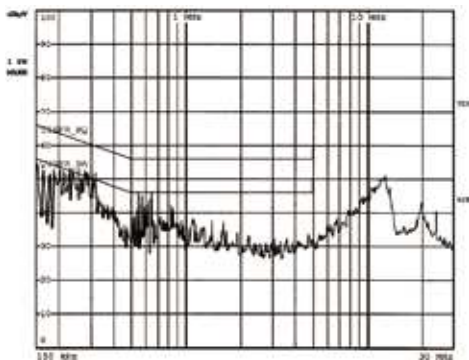
9. Remote on/off



10. FCC B



11. EN55011 B



12. Power derating curve

