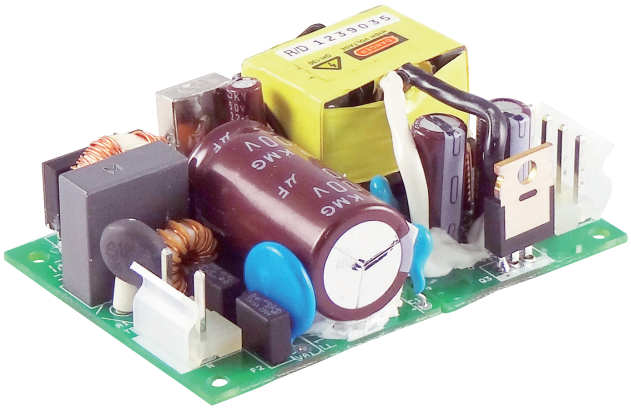


Features:

- 2" x 3" x 1" ultra compact size
- Class II EMC & Safety
- With ITE & Medical (-M) safety
- Green Power
- -20°C to 70°C convection cooling

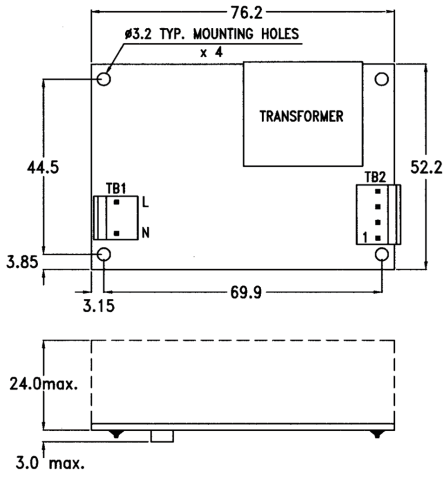
Applications:

- For dental, laboratory products, pumps monitors, sleep apnea devices and many other uses.

General Specifications:

Input voltage	90 VAC to 264 VAC
Input frequency	47 Hz to 63 Hz
Green power	< 0.5W at no load
Inrush current	< 30A at 115VAC
(cold start at 25°C)	or < 60A at 230VAC
Efficiency	84%~89%
Hold up time	25ms typ.
Over load protection	auto recovery
Short circuit protection	auto recovery
Over voltage protection	latch off
Operating temperature	-20°C to 70°C
	derating: 2.5% / °C > 50°C
Cooling	convection cooling
Storage temperature	-40°C to +85°C
EMI	FCC & CISPR "B", EN61000-3-3
Harmonics	EN61000-3-2
EMS	EN61000-4-2,-3,-4,-5,-6,-8,-11
Safety	cUL/EN/CB 60950-1
	ANSI/AMMI/CSA/EN/CB 60601-1

Mechanical Specifications:



Notes:

1. Dimensions shown in mm as left. Tolerance: ±0.4mm.
2. Size:
   52.2 x 76.2 x 24 (mm)
   2.05" x 3" x 0.95"
3. Packing:
   Net weight: 106 g approx. / unit
   Gross weight: 130 kg approx. / carton, 100 units / carton
   Carton size (mm): 402 (L) x 382 (W) x 225 (H)
4. Connectors:

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Output Specifications:

MODEL NO.	OUTPUT RAIL	LOAD				INITIAL ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	MAX.	PEAK				
SNP-Q067 SNP-Q067-M	+12V	0A	5A		7A	+11.9V~+12.1V	100mVpp	±0.5%	±1%
SNP-Q068 SNP-Q068-M	+15V	0A	4A		5.6A	+14.9V~+15.1V	100mVpp	±0.5%	±1%
SNP-Q065 SNP-Q065-M	+18V	0A	3.33A		4.66A	+17.9V~+18.1V	150mVpp	±0.5%	±1%
SNP-Q069 SNP-Q069-M	+24V	0A	2.5A		3.5A	+23.8V~+24.2V	150mVpp	±0.5%	±1%
SNP-Q06G SNP-Q06G-M	+28V	0A	2.15A		3.0A	+27.8V~+28.2V	150mVpp	±0.5%	±1%
SNP-Q06J SNP-Q06J-M	+36V	0A	1.66A		2.33A	+35.7V~+36.3V	200mVpp	±0.5%	±1%
SNP-Q06T SNP-Q06T-M	+48V	0A	1.25A		1.75A	+47.6V~+48.4V	200mVpp	±0.5%	±1%
SNP-Q06H SNP-Q06H-M	+60V	0A	1A		1.4A	+59.5V~+60.5V	200mVpp	±0.5%	±1%

Note:

1. At factory, in 60% rated load condition, each output is checked to be within initial accuracy.
2. Max. duration of peak load is 5 sec. with duty cycle 10%, and average power should be lower than rated power.
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.
8. This PSU must be installed on plastic support. Please contact Skynet for detailed information.

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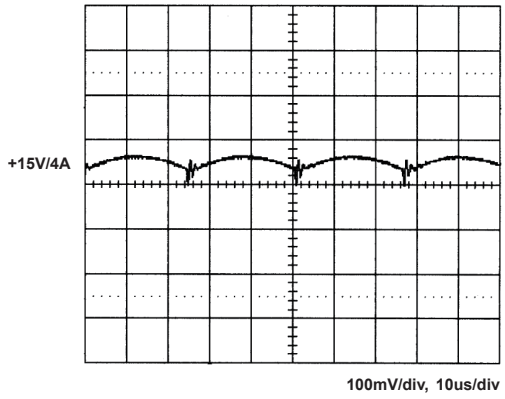
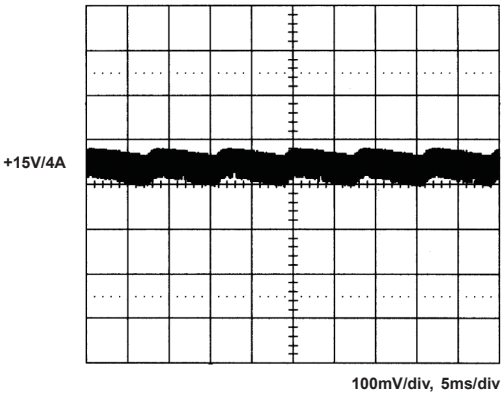
Performance for SNP-Q068-M :

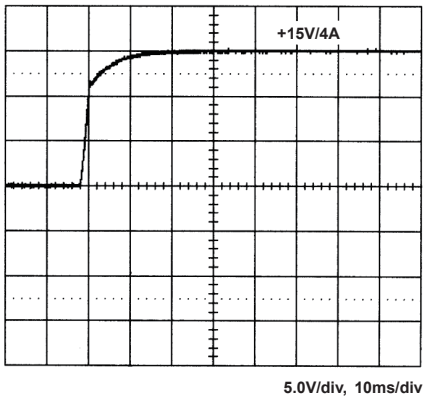
1. Switching frequency ripple



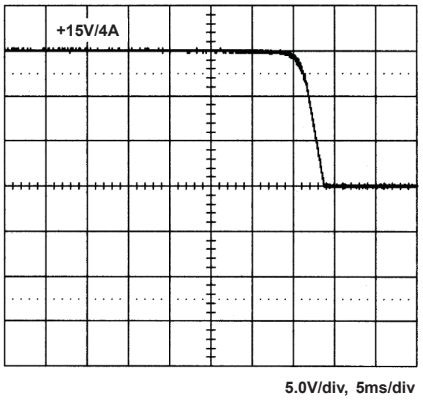
2. Line frequency ripple



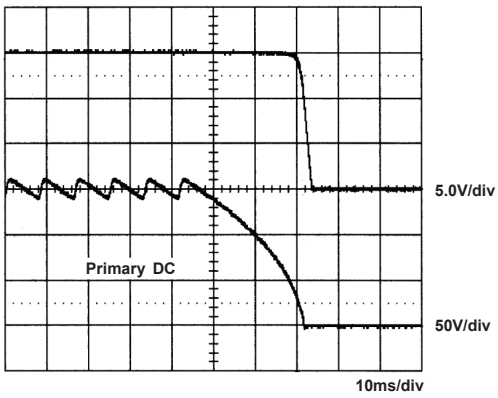
3. Output turn on wave form



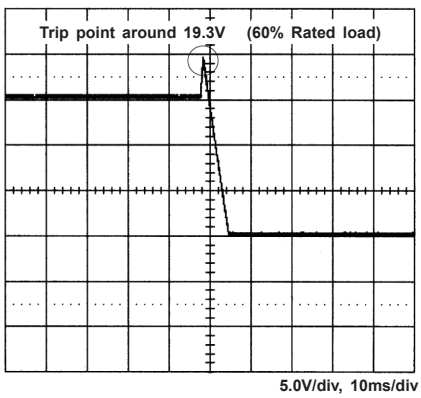
4. Output turn off wave form



5. Hold-up time



6. Over voltage protection



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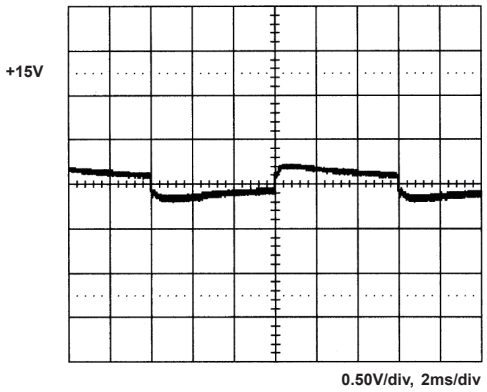
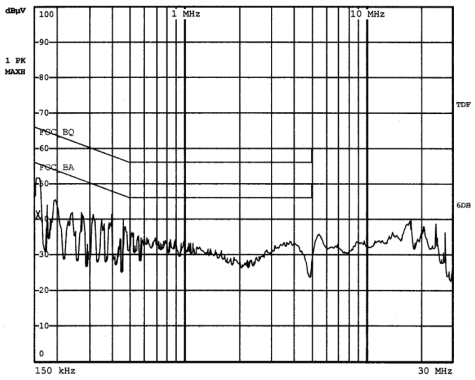
7. +15V step response

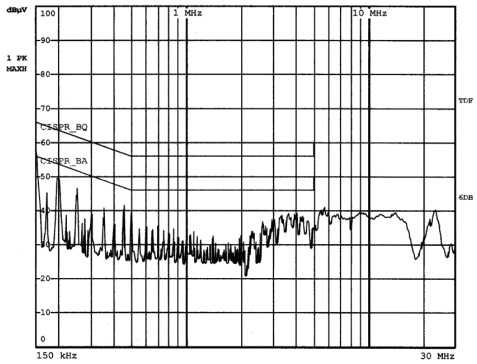


+15V step from 0.8A to 4A

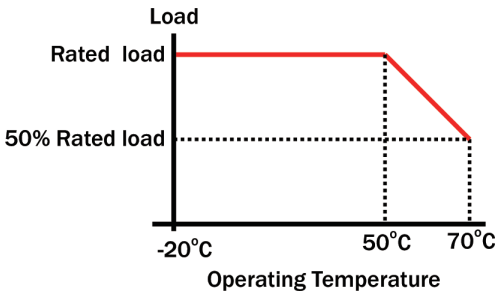
8. FCC B



9. EN 55011 & EN 55022 B



10. Power derating curve



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