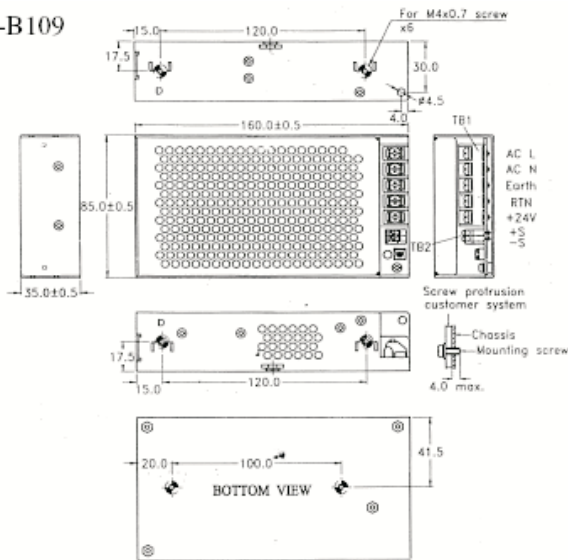


SNP-B Series

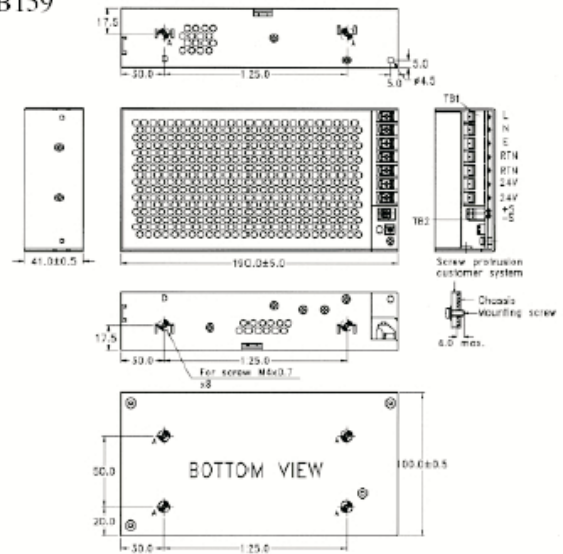
40-300W AC/DC Machinery Power Supplies - Medical

CoolPower
Solutions

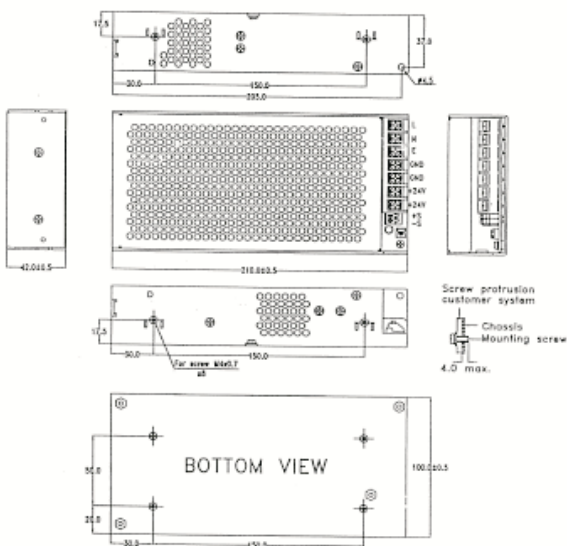
SNP-B109



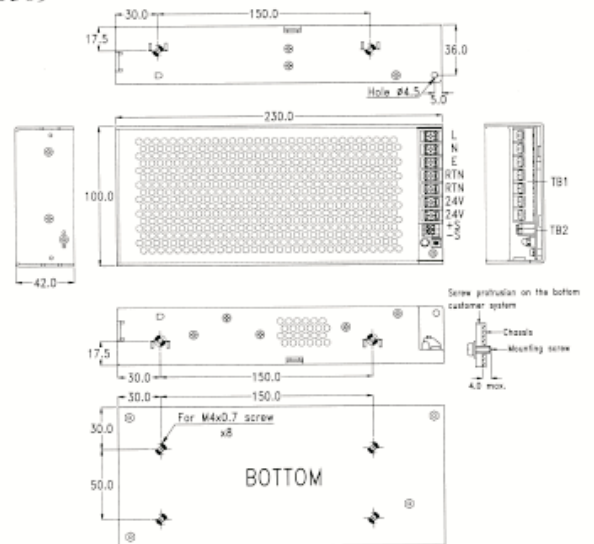
SNP-B159



SNP-B209



SNP-B309



Notes:

- Dimensions shown in mm as above. Tolerance: $\pm 1\text{mm}$.
- Size:
 - SNP-B049 : 85.0mm x 100.0mm x 35.0mm
 - SNP-B069 : 85.0mm x 130.0mm x 35.0mm
 - SNP-B109 : 85.0mm x 160.0mm x 35.0mm
 - SNP-B159 : 100.0mm x 190.0mm x 41.0mm
 - SNP-B209 : 100.0mm x 210.0mm x 42.0mm
 - SNP-B309 : 100.0mm x 230.0mm x 42.0mm
- Din Rail Mounting Fixture:



Output Specifications:

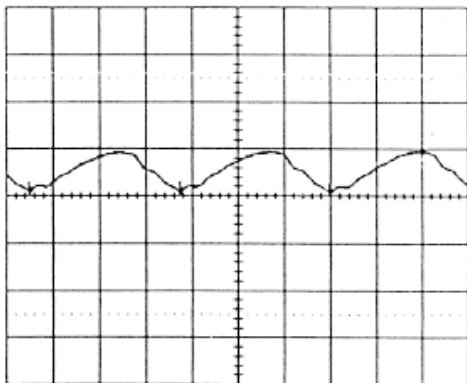
MODEL NO.	OUTPUT RAIL	LOAD			VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	PEAK				
SNP-B049	+24V	0A	1.7A	3A	±2%	50mVpp	±1%	±1%
SNP-B069	+24V	0A	2.5A	5A	±2%	50mVpp	±1%	±1%
SNP-B109	+24V	0A	4.2A	6A	±2%	50mVpp	±1%	±1%
SNP-B159	+24V	0A	6.5A	8A	±2%	50mVpp	±1%	±1%
SNP-B209	+24V	0A	8.5A	10A	±2%	50mVpp	±1%	±1%
SNP-B309	+24V	0A	12.5A	15A	±2%	50mVpp	±1%	±1%

Note:

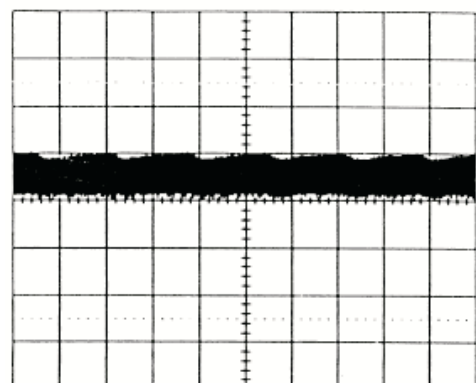
1. All the measurements are taken at rated load and nominal line unless specified.
2. The output voltage is set in production line within the voltage accuracy range at 60% rated load, nominal line. Other voltage accuracy can be done upon requested.
3. The output can deliver listed peak load for more than 10 seconds.
4. Ripple & noise is measured by oscilloscope with 20MHz bandwidth limited and terminated the load with 0.47uF capacitor.
5. Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
6. Load regulation is defined by changing ±40% of load from 60% rated load at nominal line.
7. Hold up time is measured from the end of the last charging pulse to the time which the output drop down to the regulation limit.

Performance for SNP-B049:

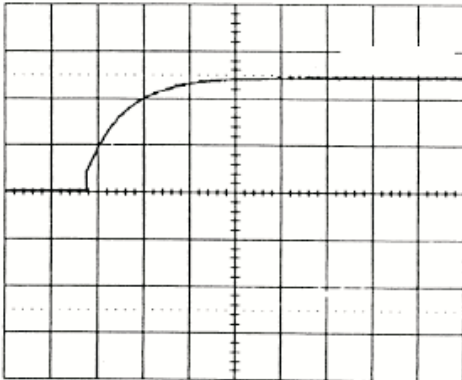
1. Switching frequency ripple



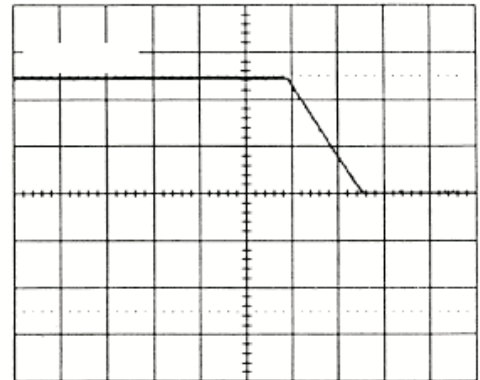
2. Line frequency ripple



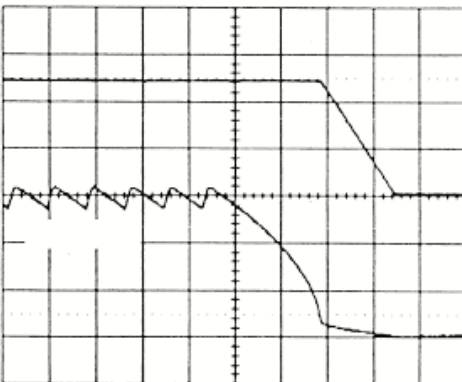
3. Output turn on wave form



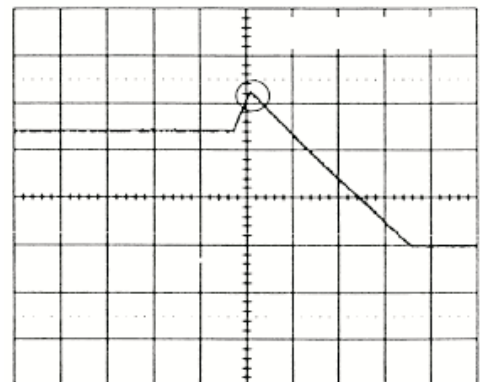
4. Output turn off wave form



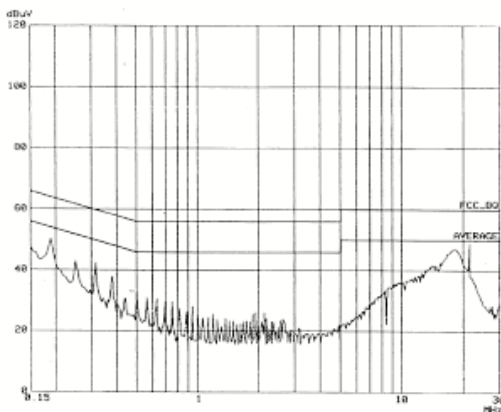
5. Hold-up time



6. Over voltage protection



7. FCC B



8. EN 55022 B

