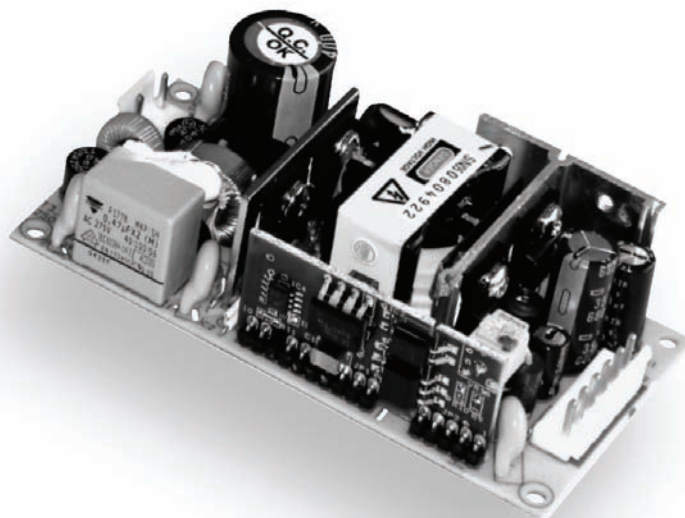


Features:

- Universal AC Input
- Both Medical & Industrial Safety Approvals
- Small Industry Standard 2 x 4" Footprint
- Low profile of only 1.18" for 1U High Applications
- Low Cost Open Frame PCB Construction
- Short circuit, Over load, Over voltage Protection Circuits
- No Minimum Load Requirements
- Convection Cooled Operation
- High Efficiency Operation up to 87%
- 5 year warranty



Input Specifications:

Input Range	Universal AC input Range (90-264 VAC)
Input Frequency	47-63 Hz
Inrush Current	40A max @ 115VAC / 70A max @ 230VAC (cold start)
Input Current	<1A maximum (continuous)
Efficiency	77-87% Typical (depending on output model)
Hold-up Time	16ms typical, full load & 115 VAC Operation
Leakage Current	<300µA maximum @ 264 VAC
Harmonics	EN61000-3-2, Class A Compliant

Output Specifications:

Adjustment Range	Fixed
Minimum Load	none (except 100ma on 12-24V Single Output Models)
Regulation	±1-5 % maximum (see detailed specification)
Ripple / Noise	±1% pk-pk max. (20MHz) or 50mV, whichever is greater
Set-Point Accuracy	V1 ±2%, V2 ±3%, V3 ±5% (maximum)
Over Current Protection	>105%, auto-recovery
Over Voltage Protection	115-140% of V1 nominal

Status & Control Signals:

n/a

Electromagnetic Compatibility:

Electrostatic Discharge	EN61000-4-2, ±4KV Contact / ±8KV Air Discharge
Radiated Susceptibility	EN61000-4-3, 26-1000MHz, 10V/M, 80% AM
EFT / Bursts	EN61000-4-4, ±2KV
Surges	EN61000-4-5, ±2KV Line-Earth, ±1KV Line-Line
Conducted Immunity	EN61000-4-6, 0.15-800MHz, 10V, 80% AM
Voltage Dips	EN61000-4-100, 95% Dip & 10ms, 30% Dip & 500ms
Voltage Interruptions	EN61000-4-11, 95% reduction, 5s
Fluctuations & Flicker	EN61000-3-3

Environmental Specifications:

Operating Temp	-10~50°C Full Load (De-Rate 2.5%/°C up to +71°C max)
Storage Temp	-40°C ~ +85°C max.
Cooling	Convection Cooled (Airflow for 60°C Full Load Operation)
Humidity	20~90%RH (non-condensing)
Vibration	10-55Hz, 2G, 3min period/60 min each (3axes)
Shock	20G Peak Acceleration
Reliability	>500k hours MTBF

Safety & Emissions:

- UL/cUL60601-1
- EN60601-1
- UL/cUL 60950-1
- EN60950-1
- CE Mark (LVD)
- EN55011 / EN55022 Class B Emissions



Specifications are subject to change without notice. If RoHS compliant products are required, please specify clearly on your Purchase Order

Output Models:

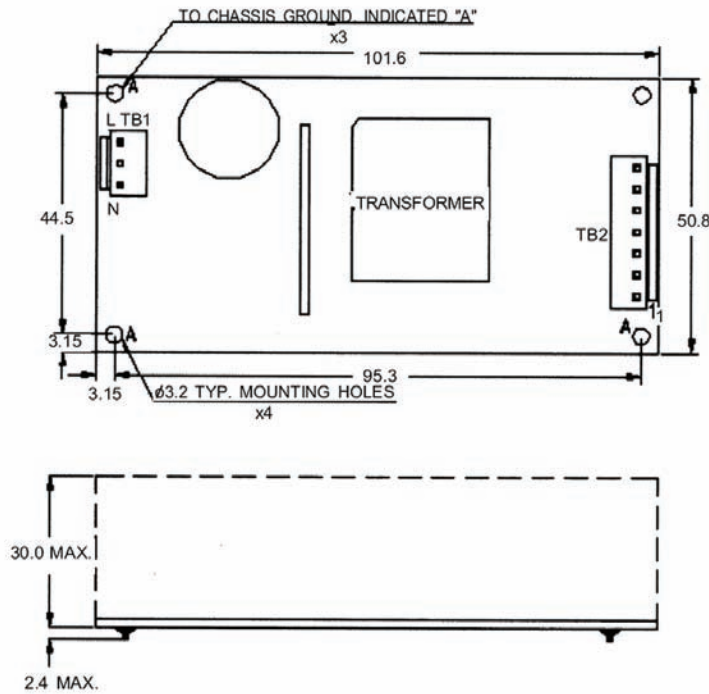
SNP-Z06B	3.3V	10A				
SNP-Z066-1	5V	12A				
SNP-Z067-1	12V	5A				
SNP-Z068-1	15V	4.3A				
SNP-Z069-1	24V	2.7A				
SNP-Z06T	48V	1.35A				
SNP-Z063	+5V	3A	+12V	3A		
SNP-Z06A	+5V	4A	+24V	1.5A		
SNP-Z061	+5V	3A	+12V	3A	-12V	0.3A
SNP-Z06D	+3.3V	6A	+5V	5A	+12V	0.7A

NOTE: These supplies offer peak load ratings up to 90 Watts not to exceed 8 seconds and 10% duty cycle. See detailed specification for individual peak load ratings.

Mechanical Specifications:

Weight (pounds):

0.31



Input Connector:
JST B2P3-VH or equivalent

Pin	Function
1	Line
2	Neutral
3	Ground

Single Output Connector
JST B6P-VH or equivalent

Pin	Single
1	N/C
2	RETURN
3	RETURN
4	RETURN
5	V1
6	V1

Multi Output Connector
JST B7P-VH or equivalent

Pin	Dual	Triple
1	N/C	V3
2	V1	V1
3	V1	V1
4	RETURN	RETURN
5	RETURN	RETURN
6	V2	V2
7	V2	V2

Soft Copy of this Specification:
<http://www.powergateinc.com/pdf/snp-z06.pdf>

Contact sales for individual model specifications