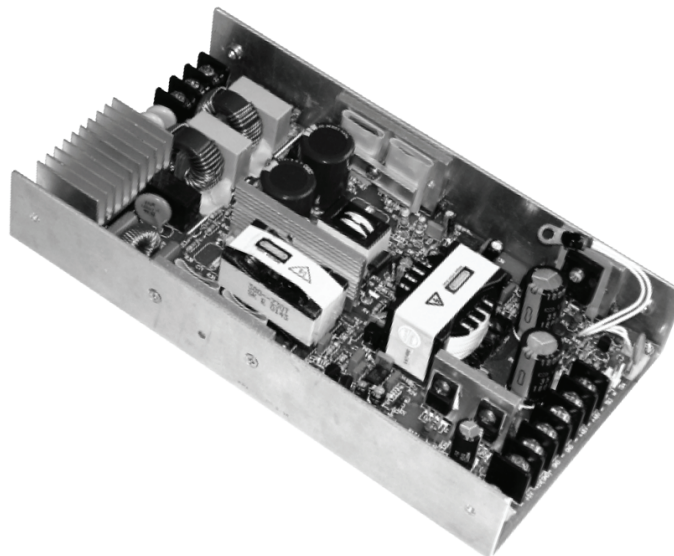


Features:

- Universal AC Input with Active Power Factor Correction
- International Safety Approvals
- 9.00 x 5.00 x 1.60" U-Frame Package
- High Efficiency ZVS Toplogy, up to 90% Efficiency
- 300 Watts Convection Cooled Operation
- Short circuit, Over load, Over voltage Protection Circuits
- No Minimum Load Requirements
- 5 year warranty



Input Specifications:

Input Range	Universal AC input Range (90-264 VAC)
Input Frequency	47-63 Hz
Inrush Current	30A max @ 115VAC / 60A max @ 230VAC (cold start)
Input Current	<5A (continuous)
Efficiency	80-90% Typical (depending on output model)
Hold-up Time	20ms typical, full load & 115VAC Operation
Leakage Current	<750µA maximum @ 264 VAC
Harmonics	EN61000-3-2, Class D Compliant (>0.95 PF Typ.)

Output Specifications:

Adjustment Range	Fixed
Minimum Load	none required
Regulation	V1 & V2 ±2% , V3 ±6% max (line, load & temp)
Ripple / Noise	±1% or 50mV pk-pk max, whichever is greater (20MHz)
Set-Point Accuracy	± % (maximum)
Over Current Protection	>105%, auto-recovery
Over Voltage Protection	115-140% of V1 nominal

Status & Control Signals:

- 12V / 100mA Fan Output
- Remote Sense

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	18cfm Airflow req'd for full load, 300W Convection
Humidity	20~90%RH (non-condensing)
Vibration	10-55Hz, 2G, 3min period/60 min each (3axes)
Shock	20G Peak Acceleration
Reliability	>400k hours MTBF (per EIAJ RCR-9102)

Safety & Emissions:

- UL/cUL 60950
- EN60950
- CE Mark (LVD)
- EN55011 Class B

SNP-Z30 Series

360 Watt 1-3 Output Switching Power Supplies

SKYNET

General Purpose Switching Power Supplies

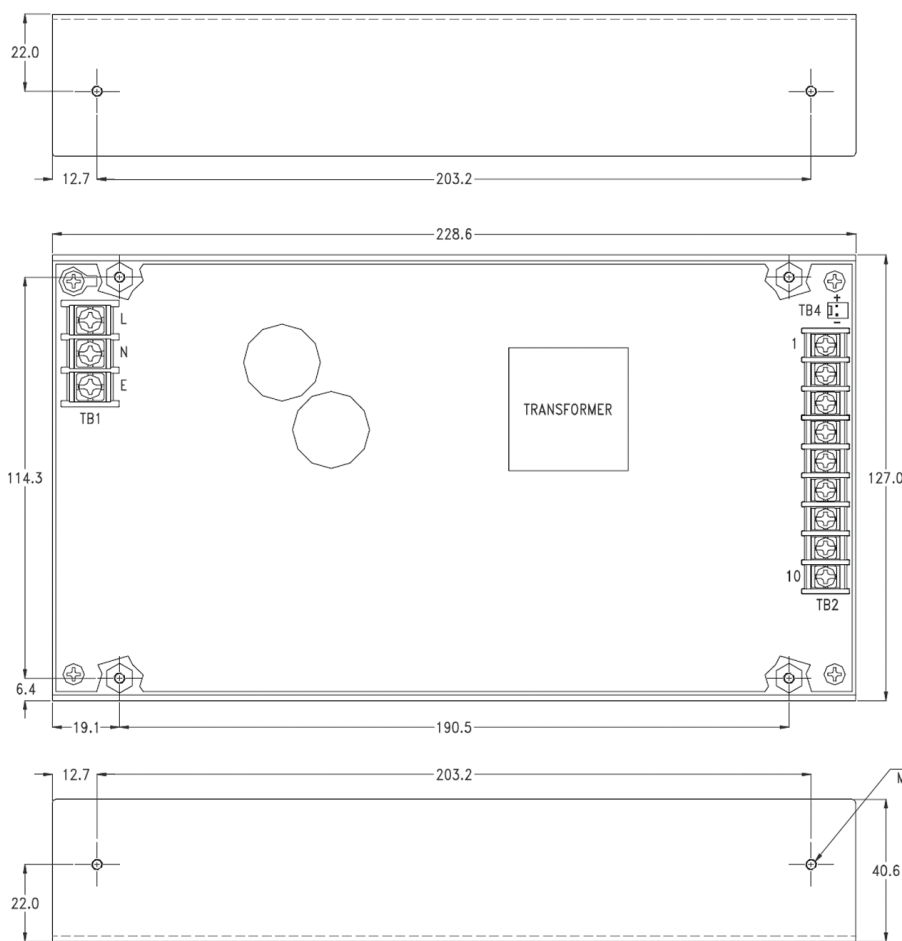
Output Models:

SNP-Z30B	3.3V	90A					
SNP-Z306	5V	72A					
SNP-Z307	12V	30A	*5V	2A			
SNP-Z308	15V	23A	*12V	0.5A			
SNP-Z309	24V	14.6A	*5V	2A			
SNP-Z30T	48V	7.3A	*5V	2A			
SNP-Z301	+5V	45A	+12V	14A	-12V	2A	Total continuous output power not exceed 360 watts
SNP-Z30D	+3.3V	30A	+5V	30A	+12V	10A	Total continuous output power not exceed 360 watts

Mechanical Specifications:

Weight (pounds):

2.2



Contact us for individual model specifications and pin assignments.

Soft Copy of this Specification:

<http://www.powergatellc.com/pdf/snpz15.pdf>

Contact sales for individual model specifications