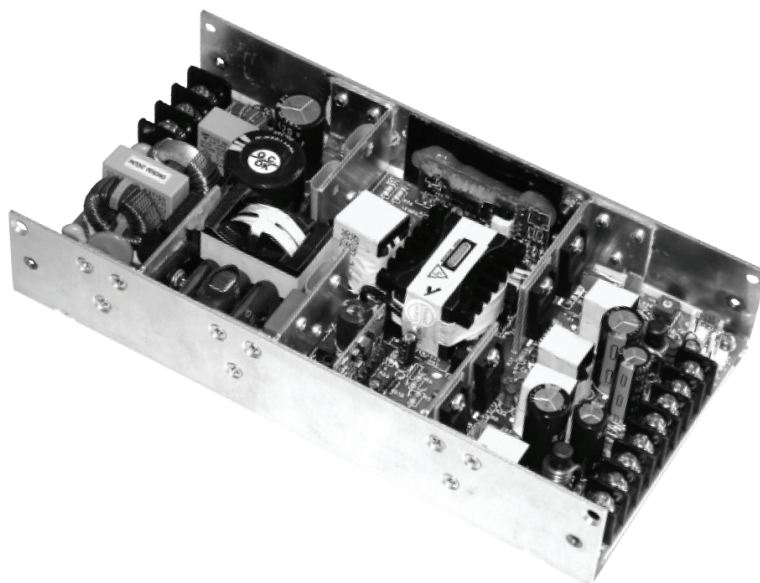


Features:

- Universal AC Input with Active Power Factor Correction
- International Safety Approvals
- 8.00 x 4.20 x 1.50" U-Frame Package
- High Efficiency ZVS Toplogy, up to 87% Efficiency
- 200 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	<3.5A (continuous)
Efficiency	82-87% Typical (depending on output model)
Hold-up Time	20 ms 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	V1 & V2 = ±0.5% (maximum) , V3 = ±5%
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 req'd for full load, 200W 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-Z20 Series

250 Watt 1-3 Output Switching Power Supplies

SKYNET

General Purpose Switching Power Supplies

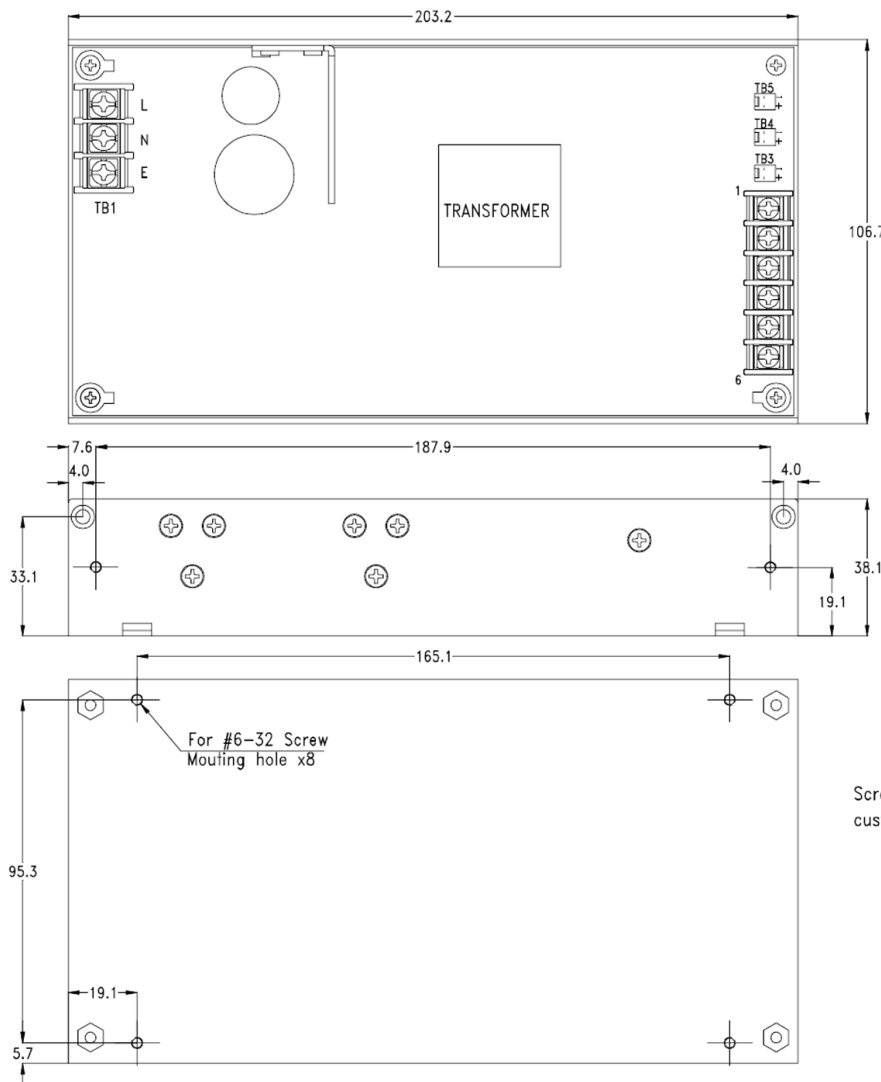
Output Models:

SNP-Z206	5V 45A				
SNP-Z207	12V 21A				
SNP-Z208	15V 17A				
SNP-Z205	18V 14A				
SNP-Z209	24V 10.5A				
SNP-Z20T	48V 5.2A				
SNP-Z201	+5V 25A	+12V 8A	*12V 3A		Total continuous output power not to exceed 250 watts
SNP-Z20D	+3.3V 30A	+5V 20A	+12V 10A		Total continuous output power not to exceed 250 watts

* Output is floating

Mechanical Specifications:

Weight (pounds): 1.63



Contact us for individual model specifications and pin assignments.

Soft Copy of this Specification:
<http://www.powergateinc.com/pdf/snpz15.pdf>

Contact sales for individual model specifications