



Description:

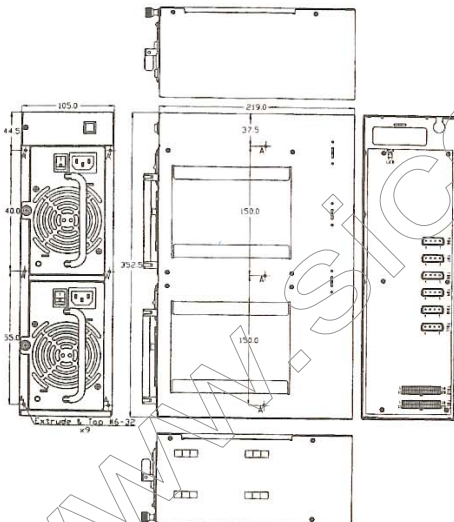
A parallel design shelf with two auto ranging AC input supplies (SNP-R300) and standard PC connection/wiring interface supports up to 5 outputs for the telecom and Sub-system applications.

General Specifications:

Input voltage	90 VAC to 130 VAC
	180VAC to 260VAC, auto range
Input frequency	47 Hz to 63 Hz
Input current	8A at 115VAC, 4A at 230VAC
Inrush current	less than 80A at 115VAC, cold start 25°C
Outputs	See output table
Efficiency	65% typical
Hold up time	> 16ms, at nominal line and rated load
PC wire harness	available
Over current protection	latch off

Short circuit protection.....	latch off
Over voltage protection	latch-off
Redundancy	two SNP-R300 in parallel
Remote ON/OFF	available
Power good	normally high
Operating temperature	0°C to 40°C
Cooling	forced air convection
Storage temperature	-40°C to +75°C
EMI	FCC 20780 "B", EN55022 "B"
Safety	meet UL 1950
	CSA 22.2 No. 234
	EN60950

Mechanical Specifications:



Notes:

- Dimensions shown in mm as left.
Tolerance: ±0.8mm.
- Size:
352.5 x 219 x 105 (mm)
- Connectors:
AC inlet : meet IEC 320
DC wire harness :
ATX: Molex 39-01-2200 or equivalent
Driver: AMP 1-480424-0 or equivalent
Fan: Molex 5024-02 or equivalent
Power fault signal: Molex 22-01-2045 or equivalent

**Output Specifications:**

MODEL NO.	OUTPUT RAIL	LOAD			VOLTAGE ACCURACY	RIPPLE NOISE	LINE REG.	LOAD REG.
		MIN.	RATED	MAX.				
DTB-R300	+5V	1A	17A	25A	+5.0V~+5.3V	50mVpp	±1%	±3%
	+12V	1A	16A	20A	+11.8V~+13.2V	120mVpp	±1%	±5%
	-12V	0A	0.5A		-11.3V~-12.6V	50mVpp	±1%	±5%
	-5V	0A	0.5A		-4.65V~-5.25V	50mVpp	±1%	±5%
	+3.3V	0A	7.5A	10A	+3.15V~+3.65V	50mVpp	±1%	±5%

* 120W for +5V and +3.3V combined output.

Note:

1. The total continuous power should be kept within 300W.
2. At factory, in 60% rated load condition, each output is checked to be within voltage accuracy.
3. Line regulation is defined by changing $\pm 10\%$ of input voltage from nominal line at rated load.
4. Load regulation is defined by changing $\pm 40\%$ 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 +5V output drops down to +4.75V at rated load and nominal line.
7. Efficiency is measured at rated load and nominal line.

