



PC40 Retail Power Supply Unit

Feature:

"SilentX", an amazing 250W ultra-silent PSU with High efficiency and high reliability. The Smart Fan & Silent Fan Control, better airflow with new layout design make SilentX cooler than others. Aluminum case design is easy to get rid of power supply heat. Worldwide safety and EMI/RFI approved, Quality Assurance is no doubt.



*Applicable Model: SK41G, SN41G2, SB51G, SB52G2, SN45G, SB61G2, SB62G2, SB65G2, SB75G2, ST61G4

Specification:

Dimension: 82mm(w) x 43mm(H) x 190mm(L)

Input Requirement:

	Minimum	Maximum	Normal
Input Voltage	90 Vac	264 Vac	100/240 Vac

	Minimum	Maximum	Normal
Input Frequency	47Hz	63 Hz	50/60 Hz

Output Characteristics:

Nominal Output voltage	Load Range		Peak	Regulation	Noise/ripple Max mVp-p
	Min	Max			
3.3 V DC	0.5 A	18 A		±5%	100
+5 V DC	0.3 A	19A		±5%	100
+12 V DC	1.0 A	16 A	18A	±5%	200
-12 V DC	0 A	0.3 A		±10%	200
5 VSB DC	0 A	2.0 A		±5%	100

Input current:

Input current should lower than 6.0/3.5Amps under full-load and 100/240Vac input

voltage conditions.

Power Supply Efficiency:

72% typical under full load

Output Power:

Max. continuous output power 250w

Over Voltage Protection:

Output Voltage	MAX (V)
+3.3v	4.3
+5v	6.5
+12v	15.6

Over Current Protection:

Output Voltage	MAX (V)
+3.3v	30
+5v	30
+12v	30

Environmental Requirements:

1. Temperature:

Operating temperature at nominal line: 10°C ~ 50°C

Storage temperature : -40°C ~ 70°C

2. Relative Humidity:

Operating and storage humidity: 5% ~ 90% RH

3. Acoustic:

80% Load, 25°C , 35dbA Max

Safety (meet):

UL 1950, cUL, CB, TUV: EN60950 CE, CB, CCC

RFI/EMI (meet):

FCC Class B, CISPR22 Class B, BSMI, CCC

Reliability:

Mean Time Between Failure (MTBF)

>100,000Hrs at 25°C , 230Vac input and 75% load conditions.