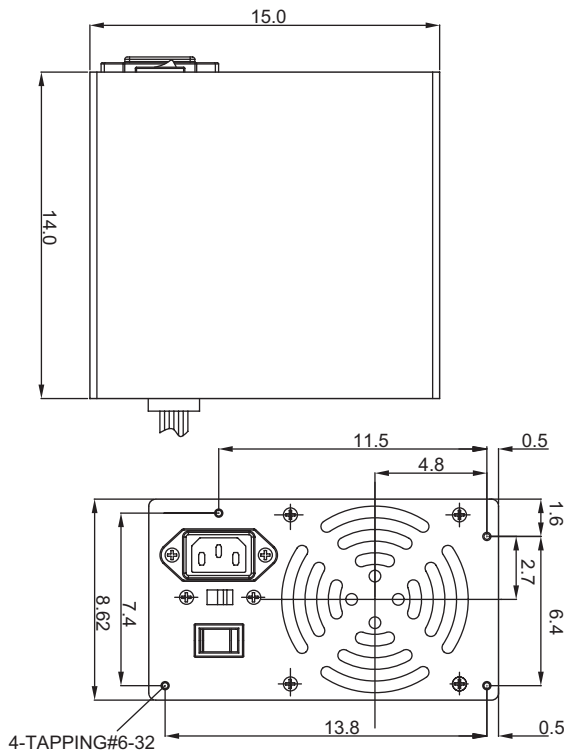


Power Supply

ZKS-250WX

250W Pentium 4 Power Supply



★ Specifications

- * **Input Voltage:** 90~135VAC (input 115VAC), 180~260VAC (input 230VAC)
- * **Input Frequency:** 47~63Hz
- * **Input Current:** 7A for 115VAC at without AC outlet; 3.5A for 230VAC
- * **Inrush Current:** 70A max. at cold start
- * **Switching Frequency:** 30KHz typical
- * **Hold Up Time:** 16ms min.
- * **Brown Out Voltage:** 95VAC max. at 60Hz
- * **Output Power:** 250W at 45°C
- * **Power Up Time:** < 20ms for +5V output voltage
- * **Power Good Signal:** The power good signal will not be higher than 100~500ms after the +5V output stabilizes at its operating value when the unit is turned on
- * **Power Failure:** The TTL compatible signal will go down at least 1ms before +5V below 4.75V
- * **PS ON Signal:** TTL compatible signal (active low)
- * **Efficiency:** 75% min. at full load (AC input 230V)
- * **Altitude:** 10,000 feet
- * **Protection:**
 - Over Voltage: +3.3V from 3.8~4.3V, +5V from 5.7~7V, +12V from 13.4~15.6V
 - Over Load: Total output from 130% min. to 150% max.
 - Short Circuit: Latch off
- * **Thermal System:** Forced air ventilation by DC ball bearing cooling fan; fan status monitoring is optional
- * **Temperature Coefficient:** +0.05% per°C
- * **Temperature:** 0~50°C (operating); -10~+70°C (storage)
- * **Humidity:** 20~90% RH (operating); 10~98% RH (storage)
- * **Dimensions:** 15.0 x 14.0 x 8.6 cm
- * **MTBF:** 100,000 hrs.

$$(V1 * I1) + (V2 * I2) < 125W$$

NOTE: A low pass filter will be added to outputs during measurement. (exp: 0.47uF Tan-cap. + 0.1uF Ceramic-cap.)

	V1	V2	V3	V4	V5	V6
Output Voltage	+3.3V	+5V	+12V	-5V	-12V	+5Vsb
Max. Current	14A(I1)	25A(I2)	10A	0.5A	1A	1.5A
Min. Current	0.3A	1A	0.4A	0A	0A	0A
Load Regulation	5%	5%	5%	10%	10%	5%
Line Regulation	1%	1%	1%	2%	2%	1%
Ripple & Noise	50mV	50mV	75mV	150mV	150mV	50mV
*****	Total 125W Max.		****	****	****	****

Safety Standards

* **Safety:** UL 1950, UL 1950 D3; TUV EN60950; NEMKO 60950; CE IEC 60950; CE Test Report

The Industrial PC Authority



BOSER Technology Co., Ltd.

15F-6, No. 77, Hsin Tai Wu Road, Sec. 1, Hsichih, Taipei Hsien 221 Taiwan TEL : 886-2-26983333 FAX : 886-2-26983300
<http://www.boser.com.tw> <http://www.isb.com.tw> <http://www.ipc.com.tw> E-Mail: webmaster@boser.com.tw

U.S.A. TEL : +1 650 4280868 FAX : +1 650 4281172	U.K. TEL : +44 1543 466552 FAX : +44 1543 466553	KOREA TEL : +82 2 34737862 FAX : +82 2 34743120	FRANCE TEL : +33 1 69061790 FAX : +33 1 69433732	SHANGHAI TEL : 021 63676295-7 FAX : 021 63676286
GERMANY TEL : +49 221 954790 FAX : +49 221 9547988	ITALY TEL : +39 051 452042 FAX : +39 051 455046	ISRAEL TEL : +972 3 9203456 FAX : +972 3 9203535	FINLAND TEL : +358 2 6203753 FAX : +358 2 6203770	