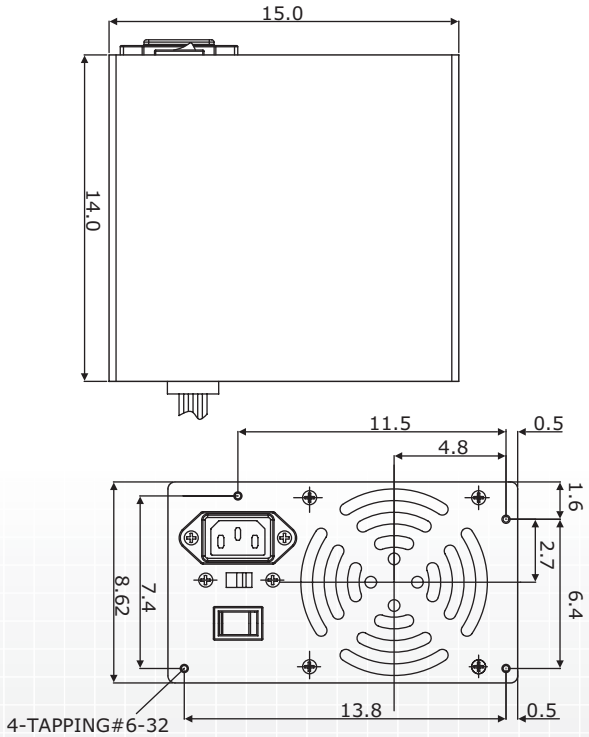
ZKS-250WX

250W AC-DC ATX Power Supply supports ATX2.03





Features

***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.

Safety Standards

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

	V1	V2	V3	V4	V5	V6
Output Voltage	+3.3V	+5V	+12V	-5V	+12V	+5Vsb
Max. Current	14A	25A	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.		****	****	****	****