

# IPS-X62A850W-A

## 850 Watt ATX Power Supply



### Features

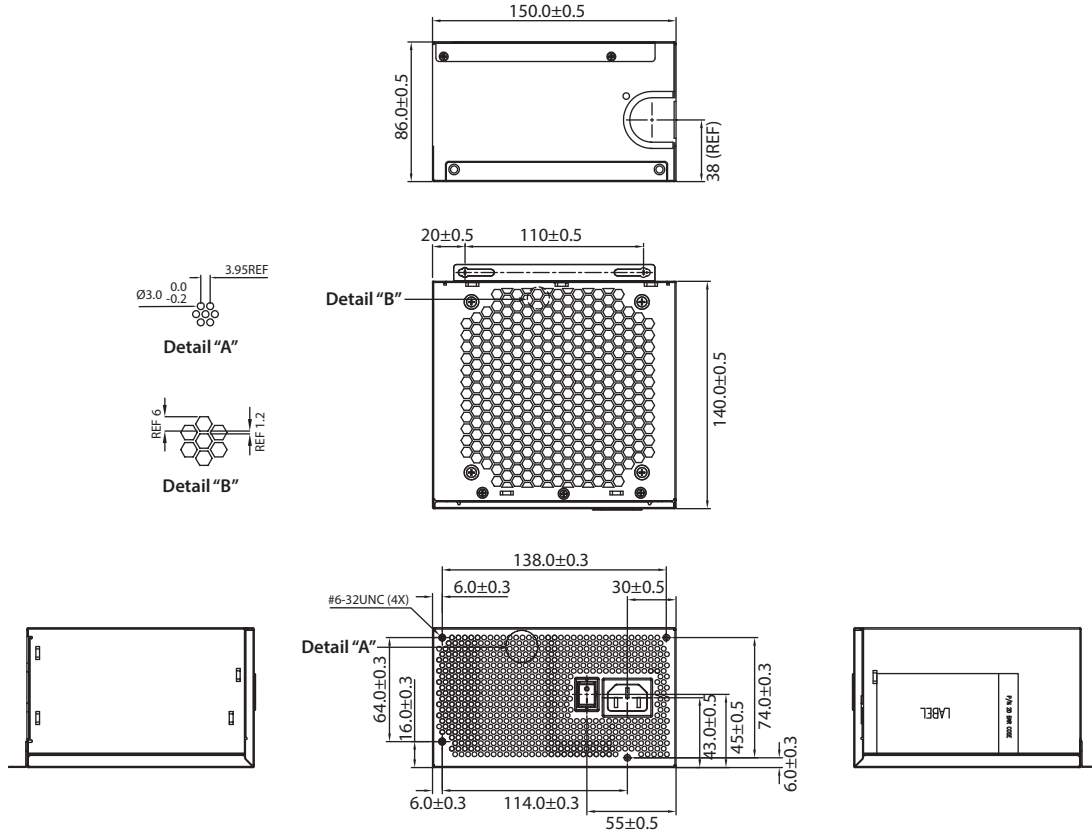
- Intel® ATX 3.0 compliant
- High-efficiency 80 Plus Gold rating
- Ultra durable and stable with Japanese capacitors
- Ultra quiet via smart fan silence mode (<20% load)
- Supports OVP, OCP, SCP, and OTP circuit protection
- Operating altitude up to 5000 meters
- 3-years warranty

### Specifications

<b>Input</b>	Input Voltage	100 ~ 240 V <sub>AC</sub> (90 ~ 264 V <sub>AC</sub> )				
	Input Frequency	47 ~ 63 Hz				
	Input Current	< 10A @ 115 V <sub>AC</sub> < 5A @ 230 V <sub>AC</sub>				
	Efficiency (typical)	87% @ 100% Load				
	80 Plus Certified	Gold Rated				
	Max. Inrush Current	50A @ 115VAC in, and 100A @ 230 VAC in without damage				
	Hold-up Time	16 mSec. Minimum 115V / 60Hz and 230V / 50Hz				
Leakage Current	< 3.5 mA-rms @ 264V <sub>AC</sub> , 50 Hz					
<b>Output</b>	Output Voltage	+3.3V	+5V	+12V	-12V	+5VSB
	Output Current (Max.)	20A	20A	70.5A	0.3A	2.5A
	Output Current (Min.)	0	0	0	0	0
	Max. Power	110W		846W	3.6W	12.5W
	Total Power	850 Watts				
	Accuracy (%)	±5%	±5%	±5%	±10%	±5%
	Max. Ripple & Noise (mVp-p)	50 mV	50 mV	120 mV	120 mV	50 mV
	Line Regulation	±1%	±1%	±1%	±2%	±1%
	Load Regulation	±5%	±5%	±5%	±10%	±5%
<b>Protection</b>	OVP (Over Voltage Protection)	+4.6	+6.8	+15.6	N/A	7.5
	OCP (Over Current Protection)	≤240VA	≤240VA	≤95A	N/A	≤8A
	SCP (Short Circuit Protection)	< 0.1 ohm. (shut down and latch off without damage)				
	OTP (Over Temperature Protection)	Shut down and latch off without damage				
<b>Environment</b>	Operating Temperature	0 ~ 50 °C				
	Operating Humidity	8 ~ 90% RH, Non-condensing				
	Storage Temperature	-20 ~ 85 °C				
	Storage Humidity	5 ~ 90% RH, Non-condensing				
<b>Insulation</b>	Dielectric Strength	2,600 V <sub>AC</sub>				
	Insulation Resistance	100 MΩ				
<b>Safety Compliance</b>	UL, CB, TUV, CCC, KC, BSMI, UKCA					
<b>EMC Compliance</b>	CE, FCC					
<b>Form Factor</b>	PS2 ATX					
<b>Dimensions (W x H x D)</b>	150 x 86 x 140 mm / 5.91 x 3.39 x 5.51 in.					
<b>MTBF (hours)</b>	100k					
<b>Weight</b>	1.9 kg					
<b>Warranty</b>	3 Years					

**Dimensions**

Unit: mm



Cable	Cable type	Connector(s) per cable	Total Length (mm)	Number(s) of cable(s) included
	MB (20+4 Pin)	1	500	1
	CPU (4+4 Pin)	1	500	2
	PCIe (6+2 Pin)	1	480	2
	EPS - 12V (8 Pin)	1	500	1
	Peripheral (4 Pin)	2	500+155	2
	Peripheral (4 Pin)	1	500	2
	SATA	2	855	2