I.T.E./INDUSTRY DESKTOP 230W SERIES SWITCHING ADAPTER

Features

- Universal Input: 100~240Vac 50/60Hz
- EMI Meets EN55032and FCC Part 15 Class B
- Continuous Short Circuit Protection
- Over Voltage Protection
- Approved IEC/EN/UL62368- 1
- DoE Level VI
- No Load Power Consumption Less Then 0.21W（115Vac）
- 2-3 pole AC Input IEC320-C14/C8/C16

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	VOLTAGE ACCURACY	AVERAGE EFF. Min .
LYD0901500U	9V	10-15.0A	±5%	86.00%
LYD1201600U	12V	10-16.0A	±5%	86.00%
LYD1509900	15V	6-9.9A	±5%	86.00%
LYD1501200U	15V	10-12.0A	±5%	86.00%
LYD1901000U	19V	7-10.0A	±5%	86.00%
LYD2409000	24V	7-9.0A	±5%	86.00%
LYD3007000	30V	5-7.0A	±5%	86.00%
LYD3607000	36V	5-7.0A	±5%	86.00%
LYD4205000	42V	3-5.0A	±5%	86.00%
LYD4804000	48V	3-4.0A	±5%	86.00%

Specification

INPUT SPECIFICATION

ITEM	MINIMUM	NOMINAL	MAXIMUM	UNIT	REMARK
Input Voltage Range	90	100-240	264	Vac	
Frequency Range	47	50/60	63	Hz	
Input Current			4.5	A	100Vac/60Hz 240Vac/50Hz
Input Inrush Current			50	A	Cool Start (120Vac)
Power Consumption			0.21	W	No Load（115V）

OUTPUT SPECIFICATION

Start up time	＜ 3 seconds at 100Vac/60Hz input and＜2 seconds at 220Vac 50Hz
Short Circuit protection	Hiccup Mode (Auto Recovery)
Over Voltage Protection	Shut down o/p voltage, re-power on to recover
Overload Protection	Hiccup Mode, recovers automatically after condition is removed
Temperature Coefficient	±0.05%/℃

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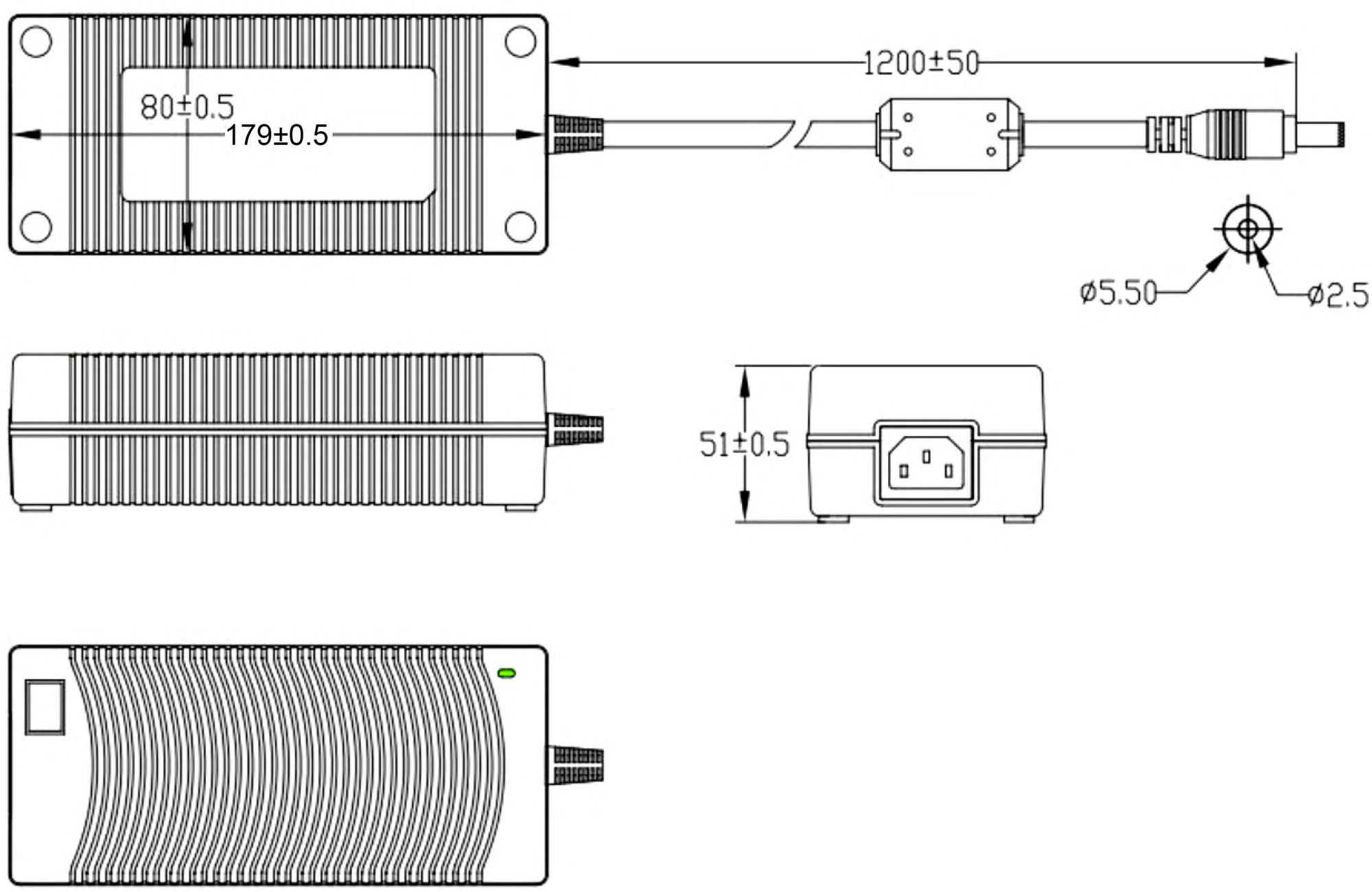
GENERAL SPECIFICATIONS	
HI-POT---A IEC 320 2pin primary to secondary (FG) 3000Vac 5mA 1min	
HI-POT---B IEC 320 3pin primary to secondary 1500Vac 5mA 1min	
Insulation Resistance	500Vdc, ≧20MΩ
Operating Temperature	-10℃ to 40℃,Full load, Normal operation.
Storage Temperature	-20℃ to +80℃,With package
Humidity	5%(0℃)~90%(40℃)RH,72Hrs,Full load, Normal operating.
Cooling	Natural Convection
MTBF	50000hrs min
Size & Weight	179*80*51mm & 550g

SAFETY& EMC	
Emission and immunity:	FCC Part 15 Subpart B ClassB:2019,ANSI C63.4:2014 EN 55032:2015/AC:2016 EN 55035:2017 EN IEC 61000-3-2:2019 EN 61000-3-3:2013/A1:2019
Safety	IEC/EN/UL62368:UL/cUL FCC CB CE KC PSE SAA UKCA Reach RoHS ETC

Mechanical Specification

All Dimensions are in millimeter(mm)

Tolerance: Millimeters:X.XX±0.5