



**Features**

- Universal Input: 100~240Vac 50-60Hz
- EMI Meets EN55032 and FCC Part 15 Class B
- Continuous Short Circuit Protection
- Over Voltage Protection
- Approved IEC/EN/UL62368-1
- DoE Level VI,ERP
- No Load Power Consumption Less Than 0.21W
- 2-3 pole AC Input IEC320-C14/C8/C16

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	VOLTAGE ACCURACY	AVERAGE EFF. Min.
SD1209000	12V	9.0A	±5%	88.00%
SD1210000	12V	10.0A	±5%	88.00%
SD1508000	15V	8.0A	±5%	88.00%
SD2006000	20V	6.0A	±5%	88.00%
SD2404500	24V	4.5A	±5%	88.00%
SD2405000	24V	5.0A	±5%	88.00%

**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			2.5	A	100Vac/60Hz 240Vac/50Hz
Input Inrush Current			120	A	Cool Start 120Vac
Power Consumption			0.21	W	No Load

**OUTPUT SPECIFICATION**

Hold-up time	5ms typ.@115Vac
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%/°C

**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, $\cong 20M\Omega$
Operating Temperature	-20°C to 40°C ,Full load, Normal operation.
Storage Temperature	-20°C to +80°C With package
Humidity	5%(0°C )~90%(40 °C)RH,72Hrs,Full load, Normal operating.
Cooling	Natural Convection
MTBF	50000hrs min
Size & Weight	172*71*41mm & 650g

**SAFETY&EMC**

Emission and immunity:	FCC CFR Title 47 Part 15 Subpart B EN55032: 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 GS CCC KC PSE SAA UKCA Reach RoHS etc.

**Mechanical Specification**

All Dimensions are in millimeter(mm)

Tolerance: Millimeters:X.XX±0.5

ITEM NO.	DESCRIPTION
1	DESKTOP TYPE C8/C6/C14 INLET ,WITH LED INDICATOR, DIMENSION: L172*W72*H40MM
2	DC OUTPUT CABLE UL2464 16AWGX2C 1200±50MM WITH FERRIT
3	DC JACK 5.5X2.1X10MM,OUTPUT NEGATIVE INSIDE POSITIVE

  

P1M	Pin Assignment
5.5 2.1	C+*
	Outside Inside
	-V connected to AC FG

- AC INLET IEC 320 C8
- AC INLET IEC 320 C6
- AC INLET IEC 320 C14