



**Features**

- Universal Input: 100~240Vac
- 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
- Warranty 3 years

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	VOLTAGE ACCURACY	AVERAGE EFF. Min.
SD1203000	12V	3.0A	±5%	87.40%
SD1502500	15V	2.5A	±5%	87.48%
SD1602500	16V	2.5A	±5%	87.59%
SD1802000	18V	2.0A	±5%	87.40%
SD2002000	20V	2.0A	±5%	87.59%
SD2401500	24V	1.5A	±5%	87.40%

**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			1.5	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, $\geq 20M\Omega$
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	103.5*50.5*40.5mm & 400g

**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/ETL62368:UL FCC CE GS CB KC PSE UKCA Reach RoHS etc.

**Mechanical Specification**

All Dimensions are in millimeter(mm)

Tolerance: Millimeters:X.XX±0.5

ITEM NO.	DESCRIPTION
1	Interchangeable Type Power Adapter
2	DC Output Cable UL2464 20AWG*2C 1200±50mm With Ferrite
3	DC Jack 5.5*2.1*10mm, Output Negative Inside Positive

  

P1M	Pin Assignment
	Outside  Inside -V connected to AC FG