



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 0.1W

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	VOLTAGE ACCURACY	AVERAGE EFF. Min.
SD1204000	12V	4.0A	48W	87.77%
SD1205000	12V	5.0A	60W	88.00%
SD1503000	15V	3.0A	45W	87.73%
SD1504000	15V	4.0A	60W	88.00%
SD1603000	16V	3.0A	48W	87.77%
SD1803000	18V	3.0A	54W	88.00%
SD1903000	19V	3.0A	57W	88.00%
SD2003000	20V	3.0A	60W	88.00%
SD2402000	24V	2.0A	48W	87.77%
SD2402500	24V	2.5A	60W	88.88%

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	100*49.5*33.5mm & 260g

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	US Wall Mounted Power Adapter
2	DC Output Cable SPT-1 18AWG*2C VW-1 105°C 300V 2000±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

