



Features

- Universal Input: 100~240Vac
- EMI Meets EN55032 and FCC Part 15 Class B
- Continuous Short Circuit Protection
- Over Voltage Protection
- Approved IEC/EN/ETL 62368-1
- US/EU/AU/UK Plugs
- DoE Level VI,ERP
- No Load Power Consumption Less Than 0.1W

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	VOLTAGE ACCURACY	AVERAGE EFF. Min.
SD0504000	5V	4.0A	20W	83.08%
SD0903000	9V	3.0A	27W	86.62%
SD1203000	12V	3.0A	36W	87.40%
SD1502000	15V	2.0A	30W	86.95%
SD1602000	16V	2.0A	32W	87.13%
SD1802000	18V	2.0A	36W	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			0.1	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	86*48*40mm & 180g

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:ETL UL BIS CB FCC CE GS Reach RoHS etc.