Super Dragon

DESKTOP 200W SERIES SWITCHING ADAPTER

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/ETL:61347-1
- DoE Level VI,ERP
- No Load Power Consumption Less Then 0.21W
- 3 pole AC Inlet IEC320-C14
- Operating up to 5000m altitude

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	VOLTAGE ACCURACY	AVERAGE EFF. Min.
SD1212500	12V	12.5A	±5%	88.00%
SD1810000	18V	10.0A	±5%	88.00%
SD1910000	19V	10.0A	±5%	88.00%
SD2408000	24V	8.0A	±5%	88.00%
SD2408300	24V	8.3A	±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%/℃

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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	
Isolation	3000KVAC
Operating Temperature	-20℃ 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	170*71*41mm & 700g

SAFETY&EMC	
Emission and immunity:	FCC CFR Title 47 Part 15 Subpart B EN 55015:2013+A1:2015 EN 61547:2009 EN 61000 - 3 IEC61000-4
Safety	IEC/EN/ETL 61347: ETL CE CB KC PSE Reach RoHS etc.

Mechanical Specification

All Dimensions are in millimeter(mm)

Tolerance: Millimeters:X.XX±0.5

ITEM NO.	DESCRIPTION
1	Desktop with IEC320 C14 AC Inlet, LED Indicator
2	DC Output Cable UL2464 16AWG*2C 1200±50mm With Ferrite
3	DC Jack 5.5*2.1*10mm, Output Negative Inside Positive