



Changzhou Wantai Electrical Appliance Co., Ltd

Technical Data

Index Type	S-350-5	S-350-7.5	S-350-12	S-350-13.5	S-350-15	S-350-24	S-350-27	S-350-48
DC Voltage	5V	7.5V	12V	13.5V	15V	24V	27V	48V
Voltage Tolerance	±2%	±2%	±1%	±1%	±1%	±1%	±1%	±1%
Rated Current	50A	40A	29A	26A	23A	14.6A	13A	7.3A
Current Range	0-50A	0-40A	0-29A	0-26A	0-23A	0-14.6A	0-13A	0-7.3A
Ripple&Noise(Max.)	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	240mVp-p
Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load Regulation	±1%	±1%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Rated Power	250W	300W	348W	351W	348W	350.4W	351W	350.4W
Rated Power	74%	79%	74%	80%	78%	83%	83%	84%
Voltage Adjust Range	4.5-5.6V	6-9V	10-13.2V	12-15V	13.5-18V	20-26.4V	26-32V	41-56V
Voltage Range	90~132VAC/180-264VAC 47~63Hz;255~370VDC							
AC Current	4.5A/115V 2.5A/230V							
Inrush Current(Max.)	25A/115V 50A/230V							
Leakage Current	<3.5mA/240VAC							
Overload Protection	105-145% TYPE: OUTPUT CUTOUT AC Restart							
Over-voltage Protection	115%-135%							
Over-temperature Protection	RTH3≥50℃ FAN ON,≤45℃ FAN OFF, ≥80℃ OUTPUT CUTOUT(5-15V) RTH3≥60℃ FAN ON,≤50℃ FAN OFF, ≥85℃ OUTPUT CUTOUT(24-48V)							
Temp.Coefficient	±0.03%/℃(0~50℃)							
Setup.Rise,Hold Time	200ms,100ms,20ms							

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Vibration	10~500Hz,2G 10min,/11cycle,60min,each axes
Withstand Voltage	I/P-O/P:3KVACI/P-FG:1.5KVACI/P-FG:0.5KVAC
Isolated Resistor	I/P-O/P,I/P-FG,I/P-FG:500VDC/100MΩ
Working Temp.Humidity	-10℃~+50℃,20%~90RH
Storage Temp.Humidity	-20℃~+85℃,10%~95%RH
Dimension	215×115×50mm
Weight	0.9kg
Safety Standards	UL1950
EMC	FCCpart1.5J class A

Note:

- 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature.**
- 2. Tolerance: includes set up tolerance, line regulation and load regulation**
- 3. Ripple & noise are measured at 20MHZ of bandwidth by using a 12 twisted pair-wire terminated with a 0.1uf&47uf parallel capacitor.**
- 4. Line regulation: min & max voltage of the rated load.**
- 5. Load regulation: load from 0 to 100%**

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