

## 250W Single Output Switching Power Supply



### Technical Data

Index Type	S-250-5	S-250-12	S-250-15	S-250-18	S-250-24	S-250-27	S-250-48
DC Voltage	5V	12V	15V	18V	24V	27V	48V
Voltage Adjust Range	±10%	±10%	±10%	±10%	±10%	±10%	±10%
Voltage Tolerance	±2%	±1%	±1%	±1%	±1%	±1%	±1%
Rated Current	50A	21A	17A	14A	11A	9A	5.5A
Current Range	0-40A	0-20A	0-15A	0-13A	0-10A	0-8A	0-5A
Rated Power	200W	216W	225W	234W	240W	216W	240W
Efficiency	78%	82%	83%	80%	84%	85%	87%
Ripple&Noise(Max.)	120mvp-p	120mvp-p	150mvp-p	150mvp-p	180mvp-p	180mvp-p	240mvp-p
Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Voltage Range	88-132VAC/176-264VAC 47-63Hz						
AC Current	5A/115VAC2.5A/230V						
Inrush Current(Max.)	18A/115VAC36A/230VAC						
Leakage Current	<3.5mA/240VAC						
Overload Protection	105%-145% output cutout auto recovery						
Over-voltage Protection	115%-150%						
Over-temperature Protection	--						
Temp.Coefficient	--						
Setup.Rise,Hold Time	1ms 20ms 10ms/230VAC						
Withstand Voltag	I/P-O/P:3KVACI/P-FG:1.5KVACO/P-FG:0.5KVAC						
Isolated Resistor	I/P-O/P,I/P-FG,O/P-FG:500VDC/100MΩ						
Storage Temp.Humidity	-10℃-60℃,20%-90%RH						
Weight	1.1Kg						
Safety Standards	UL1950 TUVEN60950						
EMC	EN55022 CLASSB EN61000-4, 2,3,4 EN60555-2,3						

### 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%