



**Features :**

- AC input active surge current limiting
- AC input range selected by switch
- Protections:Short circuit / Overload / Over voltage / Over temperature
- Fixed switching frequency at 90KHz
- Cooling by free air convection
- 2 years warranty



MODEL		U210S5L	U210S7.5L	U210S12L	U210S13.5L	U210S15L	U210S24L	U210S27L	U210S48L	
OUTPUT	DC VOLTAGE	5V	7.5V	12V	13.5V	15V	24V	27V	48V	
	RATED CURRENT	40A	27A	17A	15A	14A	8.8A	7.8A	4.4A	
	CURRENT RANGE	0~40A	0~27A	0~17A	0~15A	0~14A	0~8.8A	0~7.8A	0~4.4A	
	RATED POWER	200W	202.5W	204W	202.5W	210W	211.2W	210.6W	211.2W	
	RIPPLE & NOISE (max.)	80mVp-p	100mVp-p	120mVp-p	120mVp-p	120mVp-p	200mVp-p	200mVp-p	200mVp-p	
	VOLTAGE ADJ. RANGE	4.5~5.7V	6~9V	10~13.2V	12~15V	13.5~18V	20~26.4V	26~29V	45.6~52.8V	
	VOLTAGE TOLERANCE	±2.0%	±2.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	LOAD REGULATION	±1.0%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	
	SETUP, RISE TIME	1000ms,20ms/230VAC 1000ms,20ms/115VAC(at full load)								
HOLD UP TIME (Typ.)	20ms/230VAC 20ms/115VAC(at full load)									
INPUT	VOLTAGE RANGE	88~132VAC/176~264VAC 248~370VDC								
	FREQUENCY RANGE	47~63Hz								
	EFFICIENCY (Typ.)	79%	82%	83%	84%	85%	87%	87%	87%	
	AC CURRENT (Typ.)	4.2A/115VAC 2.5A/230VAC								
	INRUSH CURRENT (Typ.)	35A/115VAC 50A/230VAC								
	LEAKAGE CURRENT	< 3.5mA/240VAC								
PROTECTION	OVERLOAD	rated output power 105%~150%								
		Protection type : Shut down o/p voltage, re-power on to recover								
	OVER VOLTAGE	5.75~6.75V	9.4~10.9V	13.8~16.2V	15.5~18.2V	18~21V	27.6~32.4V	31.05~36.45V	55.2~64.8V	
	Protection type : Shut down o/p voltage, re-power on to recover									
OVER TEMPERATURE	RTH≥ 185℃									
	Protection type : Shut down O/P voltage, recovers automatically after temperature goes down									
ENVIRONMENT	WORKING TEMP.	-20~+50℃								
	WORKING HUMIDITY	20~90% RH,non-condensing								
	STORAGE TEMP., HUMIDITY	-40~+ 85℃ , 10~95% RH								
	TEMP. COEFFICIENT	±0.03%/℃(0~50℃)								
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes								
SAFETY	SAFETY STANDARDS	UL60950-1 approved								
	WITHSTAND VOLTAGE	I/p-0/P: 3KVAC I/p-FG: 1.5KVAC 0/p-FG: 0.5KVAC								
	ISOLATION RESISTANCE	I/P-0/P, I/P-FG, 0/P-FG: 100M Ohms / 500VDC / 25' C/ 70% RH								
OTHERS	MTBF	≥ 244.7K hrs. MIL-HDBK-217F { 25℃)								
	DIMENSION	215*115*50mm (L*W*H)								
	PACKING	0.95Kg								