



Features :

- AC input active surge current limiting
- AC input range selected by switch
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Forced air cooling by built-in DC fan
- Built-in remote sense function
- 2 years warranty



MODEL	HPS-U321S5	HPS-U321S7.5	HPS-U321S12	HPS-U321S13.5	HPS-U321S15	HPS-U321S24	HPS-U321S27	HPS-U321S48		
OUTPUT	DC VOLTAGE	5V	7.5V	12V	13.5V	15V	24V	27V	48V	
	RATED CURRENT	50A	36A	25A	22A	20A	12.5A	11A	6.5A	
	CURRENT RANGE	0~50A	0~36A	0~25A	0~22A	0~20A	0~12.5A	0~11A	0~6.5A	
	RATED POWER	250W	270W	300W	297W	300W	300W	297W	312W	
	RIPPLE & NOISE	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	240mVp-p	
	VOLTAGE ADJ. RANGE	4.5~5.7V	6~9V	10~13.2V	12~13.5V	13.5~18V	20~26.4V	26~32V	41~56V	
	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	2000ms, 20ms(at full load)								
HOLD UP TIME (Typ.)	24ms(at full load)									
INPUT	VOLTAGE RANGE	88~132VAC/176~264VAC 248~370VDC								
	FREQUENCY RANGE	47~63Hz								
	EFFICIENCY (Typ.)	77%	80%	82%	83%	84%	86%	86%	87%	
	AC CURRENT (Typ.)	6A/115VAC		3.5A/230VAC						
	INRUSH CURRENT (Typ.)	18A/115VAC		36A/230VAC						
	LEAKAGE CURRENT	< 3.5mA/ 240VAC								
PROTECTION	OVERLOAD	rated output power 105%~135% 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	33.7~39.2V	57.6~67.2V	
	OVER TEMPERATURE	RTHI≥65°C fan on, ≤55°C fan off, ≥70°C(5~15V) no output RTHI≥70°C fan on, ≤65°C fan off, ≥80°C(24~48V) no output Protection type : Shut down O/P voltage, recovers automatically after temperature goes down								
ENVIRONMENT	WORKING TEMP.	-10~+60°C								
	WORKING HUMIDITY	20~90%RH, non-condensing								
	STORAGE TEMP., HUMIDITY	-20~+85°C, 10~95% RH								
	TEMP. COEFFICIENT	±0.03%/°C(0~50°C)								
	VIBRATION	10~500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes								
SAFETY	SAFETY STANDARDS	UL60950-1 approved								
	WITHSTAND VOLTAGE	I/p-O/P: 3KVAC I/p-FG: 1.5KVAC O/p-FG: 0.5KVAC								
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms / 500VDC / 25°C / 70% RH								
OTHERS	MTBF	≥188.7K hrs. MIL-HDBK-217F (25°C)								
	DIMENSION	215*115*50mm (L*W*H)								
	PACKING	1.08Kg								