



Features :

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- 2 years warranty



MODEL		HPS-U121D0512T		HPS-U121D0524T	
OUTPUT	OUTPUT NUMBER	CHI	CH2	CHI	CH2
	DC VOLTAGE	5V	12V	5V	24V
	RATED CURRENT	12A	5A	6A	4A
	CURRENT RANGE	2~12A	0.5~5A	2~10A	0.4~4A
	RATED POWER	120W		126W	
	RIPPLE & NOISE (max.)	60mVp-p	120mVp-p	60mVp-p	150mVp-p
	VOLTAGE ADJ. RANGE	CHI:4.75~5.5V			
	VOLTAGE TOLERANCE	±2.0%	±6.0%	±2.0%	±7.0%
	LINE REGULATION	±0.5%	±1.0%	±0.5%	±1.0%
	LOAD REGULATION	±0.5%	±5.0%	±0.5%	±6.0%
	SETUP, RISE TIME	200ms,50ms(at full load)			
	HOLD UP TIME (Typ.)	24ms (at full load)			
INPUT	VOLTAGE RANGE	88~132VAC/76~264VAC 248~370VDC			
	FREQUENCY RANGE	47~63Hz			
	EFFICIENCY (Typ.)			78%	80%
	AC CURRENT (Typ.)	2.2A/115VAC 1.3A/230VAC			
	INRUSH CURRENT (Typ.)	COLD START: 32A			
	LEAKAGE CURRENT	< 3.5mA/ 240VAC			
PROTECTION	OVERLOAD	110 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	OVER VOLTAGE	CHI: 5.75~6.75VDC Protection type : Hiccup mode, recovers automatically after fault condition is removed			
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}(+5V)			
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
SAFETY & EMC	SAFETY STANDARDS	UL60950-1,TUVEN60950-1,CCCGB4943 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			
	EMC EMISSION	Compliance to EN55022(CISPR22)ClassB,EN61000-3-2,-3			
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11,EN55024, light industry level, criteria A			
OTHERS	MTBF	≥ 272.8K hrs. MIL-HDBK-217F (25°C)			
	DIMENSION	199*110*50mm (L*WE*H)			
	PACKAGE	0.82Kg			