



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-U060D0512T		HPS-U060D0524T	
OUTPUT	OUTPUT NUMBER	CH1	CH2	CH1	CH2
	DC VOLTAGE	5V	12V	5V	24V
	RATED CURRENT	4A	3A	3A	1.8A
	CURRENT RANGE	0.3~6A	0.2~4A	0.3~6A	0.2~2.2A
	RATED POWER	56W		58W	
	RIPPLE & NOISE (max.)	75mVp-p	150mVp-p	75mVp-p	150mVp-p
	VOLTAGE ADJ. RANGE	CH1:4.75~5.5V		CH1:4.75~5.5V	
	VOLTAGE TOLERANCE	±2.0%	±6.0%	±20%	±50%
	LINE REGULATION	±0.5%	±1.0%	±0.5%	±0.5%
	LOAD REGULATION	±0.5%	±4.0%	±0.5%	±4.0%
	SETUP, RISE TIME	300ms,50ms/230VAC 800ms,50ms / 115VAC(at full load)			
	HOLD UP TIME (Typ.)	80ms/230VAC 10ms/115VAC (at full load)			
INPUT	VOLTAGE RANGE	85~264VAC 120~370VDC			
	FREQUENCY RANGE	47~63Hz			
	EFFICIENCY (Typ.)	73%		76%	
	AC CURRENT (Typ.)	2A/115VAC 1A/230VAC			
	INRUSH CURRENT (Typ.)	COLD START: 20A/115VAC 40A/230VAC			
	LEAKAGE CURRENT	< 3.5mA/ 240VAC			
PROTECTION	OVERLOAD	Above 105% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed			
	OVER VOLTAGE	5V: 5.75~6.75V 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)			
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
SAFETY & EMC	SAFETY STANDARDS	UL1012,UL60950,TUVEN60950 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	≥ 301.2K hrs. MIL-HDBK-217F (25°C)			
	DIMENSION	159*97*38mm (L*W*H)			
	PACKAGE	0.54Kg			