



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-U251Q0512T				HPS-U251Q0515T					
OUTPUT	OUTPUT NUMBER	CHI	CHz	CH3	CH4	CHI	CHz	CH3	CH4		
	DC VOLTAGE	+5V	+12V	-12V	-5V	+5V	+15V	-15V	-5V		
	RATED CURRENT	20A	7A	1A	1A	20A	5A	1A	1A		
	CURRENT RANGE	2~20A	0.5~7A	0.5~1A	0~1A	2~20A	0.5~5A	0.5~1A	0~1A		
	RATED POWER	201W				195W					
	RIPPLE & NOISE (max.)	80mVp-p	120mVp-p	120mVp-p	50mVp-p	80mVp-p	150mVp-p	150mVp-p	50mVp-p		
	VOLTAGE ADJ. RANGE	4.75 ~ 5.5V				4.75 ~ 5.5V					
	VOLTAGE TOLERANCE	±2.0%	+8, -10%	±10%	±6.0%	±2.0%	±10%	±10%	±6.0%		
	LINE REGULATION	±0.5%	±1.0%	±1.0%	±1.0	±0.5%	±1.0%	±1.0%	±1.0%		
	LOAD REGULATION	±1.0%	±6.0%	±8.0%	±2.0%	±1.0%	±8.0%	±10%	±2.0%		
	SETUP, RISE TIME	800ms,50ms(at full load)									
HOLD UP TIME (Typ.)	20ms(at full load)										
INPUT	VOLTAGE RANGE	90 ~132VAC/176 ~264VAC(selected by switch) 248 ~370VDC									
	FREQUENCY RANGE	47 ~63Hz									
	EFFICIENCY (Typ.)					73%					74%
	AC CURRENT (Typ.)	6A/115VAC 3.5A/230VAC									
	INRUSH CURRENT (Typ.)	COLD START: 50A									
	LEAKAGE CURRENT	< 2mA/240VAC									
PROTECTION	OVERLOAD	105 ~ 150% 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	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									
OTHERS	MTBF	≥ 219.5K hrs. MIL-HDBK-217F (25°C)									
	DIMENSION	150*140*86mm (L*W*H)									
	PACKAGE	1.4Kg;									