

Features:

- Universal AC input/Full range
- Low leakage current<0.5mA
- Protections:Short circuit/Over load/Over voltage
- Cooling by free air convection
- 100% full load burn-in test
- Fixed switching frequency at 65KHz
- 2 years warranty

SPECIFICATION



MODEL		PT-65A			PT-65B			PT-65C			PT-65D			
	OUTPUT NUMBER	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	СНЗ	
OUTPUT	DC VOLTAGE	5V	12V	-5V	5V	12V	-12V	5V	15V	-15V	5V	12V	24V	
	RATED CURRENT	5.5A	2.5A	0.5A	5.5A	2.5A	0.5A	5.5A	2A	0.5A	4A	2A	1A	
	CURRENT RANGE	0.4 ~ 7A	0.2 ~ 3.2A	0 ~ 0.7A	0.4 ~ 7A	0.2 ~ 3.2A	0 ~ 0.7A	0.4 ~ 7A	0.2 ~ 2.6A	0~0.7A	0.5 ~ 5A	0.2 ~ 4A	0.2 ~ 1.3/	
	RATED POWER	60W			63.5W			65W			68W			
	OUTPUT POWER (max.)	Rated out	put power f	or convecti	on; 72W with 18CFM min. Forced			air						
	RIPPLE & NOISE (max.) Note.2	50mVp-p 120mVp-p 50mVp-p 50mVp-p 120mVp-p 100mVp-p 50mVp-p 120mVp-p 100mVp-p 100mVp-p 100mVp-p 100mVp-p 200m										200mVp-		
	VOLTAGE ADJ. RANGE	CH1:4.75 ~ 5.5V												
	VOLTAGE TOLERANCE Note.3	±4.0%	±7.0%	±5.0%	±4.0%	±7.0%	±5.0%	±4.0%	±7.0%	±5.0%	±4.0%	±6.0%	±6.0%	
	LINE REGULATION	±1.0%	±2.0%	±1.0%	±1.0%	±2.0%	±1.0%	±1.0%	±2.0%	±1.0%	±1.0%	±2.0%	±3.0%	
	LOAD REGULATION	±3.0%	±4.0%	±1.0%	±3.0%	±4.0%	±1.0%	±3.0%	±4.0%	±1.0%	±2.0%	±5.0%	±5.0%	
	SETUP, RISE TIME	800ms, 20	300ms, 20ms at full load											
	HOLD TIME (Typ.)	60ms at full load												
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~370VDC												
	FREQUENCY RANGE	47 ~ 440Hz												
	EFFICIENCY(Typ.)	76%	76% 77% 77%								79%			
	AC CURRENT (Typ.)	1.5A/115VAC 0.9A/230VAC												
	INRUSH CURRENT (Typ.)	COLD START 20A/115VAC 40A/230VAC												
	LEAKAGE CURRENT	<0.5mA												
PROTECTION	OVER LOAD	73 ~ 95W rated output power 74.8 ~ 98.6W rated output power												
	OVER LUAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed.												
	OVER VOLTAGE	5.75 ~ 6.75VDC on CH1												
		Protection type: Hiccup mode, recovers automatically after fault condition is removed.												
ENVIRONMENT	WORKING TEMP.	-10 ~ +60°C (Refer to output load derating curve)												
	WORKING HUMIDITY	20 ~ 90% RH non-condensing												
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH												
	TEMP. COEFFICIENT	$\pm 0.04\%$ (0 ~ 50°C) on +5V output												
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, Period for 60min.each along X, Y, Z axes												
	SAFETY STANDARDS	UL1950, TUV EN60950 Approved												
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1min.												
SAFETY &	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC												
EMC	EMI CONDUCTION & RADIATION	Complian	ce to EN55	022 (CISPI	R22) Class	В								
(Note 4)	HARMONIC CURRENT	Complian	ce to EN61	000-3-2,-3										
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, Light industry level, criteria A												
OTHERS	MTBF	277.2K hr	s min. N	IIL-HDBK-2	217F (25℃)								
	DIMENSION	127*76*42mm (L*W*H)												
	PACKING	•	4pcs/15.9K	•										
NOTE	Ripple & noise are measure Tolerance : includes set up The power supply is consided EMC directives.	 All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25[°]C of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. Tolerance: includes set up tolerance, line regulation and load regulation. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. Mounting holes M1 and M2 should be grounded for EMI purposes. 												

