



Features:

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

CBCE

SPECIFICATION

MODEL		PD-65A		PD-65B		
ОИТРИТ	OUTPUT NUMBER	CH1	CH2	CH1	CH2	
	DC VOLTAGE	5V	12V	5V	24V	
	RATED CURRENT	5.5A	2.8A	3.5A	2A	
	CURRENT RANGE	0.4 ~ 7A	0.2 ~ 3.2A	0.4 ~ 6A	0.2 ~ 2.6A	
	RATED POWER	61.1W		65.5W		
	OUTPUT POWER (max.)	Rated output power for convection; 72W with 18CFM min. Forced		dair	air	
	RIPPLE & NOISE (max.) Note.2	50mVp-p	120mVp-p	50mVp-p	150mVp-p	
	VOLTAGE ADJ. RANGE	CH1:4.75 ~ 5.5V	CH1:4.75 ~ 5.5V			
	VOLTAGE TOLERANCE Note.3	±4.0%	±7.0%	±4.0%	±7.0%	
	LINE REGULATION	±1.0%	±2.0%	±1.0%	±2.0%	
	LOAD REGULATION	±3.0%	±4.0%	±3.0%	±4.0%	
	SETUP, RISE TIME	800ms, 20ms at full load				
	HOLD UP TIME (Typ.)	60ms at full load				
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~370VDC				
	FREQUENCY RANGE	47 ~ 440Hz				
	EFFICIENCY(Typ.)	78%		81%		
	AC CURRENT (Typ.)	1.5A/115VAC 0.9A/230VAC				
	INRUSH CURRENT (Typ.)	COLD START 20A/115VAC 40A/230VAC				
	LEAKAGE CURRENT	<0.75mA				
PROTECTION	OVERLOAD	73 ~ 105W rated output power				
		Protection type: Hiccup mode, recovers automatically after fault condition is removed.				
	OVER VOLTAGE	CH1: 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 "Derating Curve")				
	WORKING HUMIDITY	20 ~ 90% RH non-condensing				
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH				
	TEMP. COEFFICIENT	±0.04%/°C (0 ~ 50°C) on +5V output				
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes				
	SAFETY STANDARDS	UL60950-1, TUV EN60950-1 approved				
SAFETY &	TTY & WITHSTAND VOLTAGE I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC					
EMC	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH				
(Note 4)	EMC EMISSION	Compliance to EN55022 (CISPR22) Class B, 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	414.8K hrs min. MIL-HDBK-217F (25° C)				
	DIMENSION	127*76*42mm (L*W*H)				
	PACKING	0.24Kg; 54pcs/15Kg/1.35CUFT				
NOTE	 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. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on http://www.meanwell.com) Mounting holes M1 and M2 should be grounded for EMI purposes. Heat Sink HS1,HS2 can not be shorted. 					



