



■ Features :

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Ultra-miniature size, light weight
- Cooling by free air convection
- $^{\bullet}$ Isolation class ${\rm I\hspace{-.1em}I}$
- Medical safety approved (2 x MOPP between primary to secondary)
- No load power consumption<0.5W
- 100% full load burn-in test
- Fixed switching frequency at 67KHz
- High reliability
- Suitable for BF application with appropriate system consideration
- 3 years warranty



MODEL		PM-15-3.3	PM-15-5	PM-15-12	PM-15-15	PM-15-24	
ОИТРИТ	DC VOLTAGE	3.3V	5V	12V	15V	24V	
	RATED CURRENT	3.5A	3A	1.25A	1A	0.63A	
	CURRENT RANGE	0 ~ 3.5A	0 ~ 3A	0 ~ 1.25A	0 ~ 1A	0 ~ 0.63A	
	RATED POWER	11.55W	15W	15W	15W	15.12W	
	RIPPLE & NOISE (max.) Note.2	80mVp-p	80mVp-p	150mVp-p	150mVp-p	240mVp-p	
	VOLTAGE TOLERANCE Note.3	±3.0%	±2.0%	±2.0%	±2.0%	±2.0%	
	LINE REGULATION	±1.0%	±1.0%	±0.5%	±0.5%	±0.5%	
	LOAD REGULATION	±1.0%	±1.0%	±1.0%	±1.0%	±0.5%	
	SETUP, RISE TIME	1000ms, 20ms/230VAC 1000ms, 20ms/115VAC at full load					
	HOLD UP TIME (Typ.)	100ms/230VAC 24ms/115VAC at full load					
INPUT	VOLTAGE RANGE	85 ~ 264VAC 120 ~ 370VDC					
	FREQUENCY RANGE	47 ~ 440Hz					
	EFFICIENCY (Typ.)	73%	76%	78%	79%	81%	
	AC CURRENT (Typ.)	0.35A/115VAC					
	INRUSH CURRENT (Typ.)	COLD START 30A/115VAC 50A/230VAC					
	LEAKAGE CURRENT Note.5	Touch current < 8Q A/264VAC					
PROTECTION		Above 105% rated output power					
	OVERLOAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed					
		3.8 ~ 4.95V	5.75 ~ 6.75V	13.8 ~ 16.2V	17.25 ~ 20.25V	27.6 ~ 32.4V	
	OVER VOLTAGE	Protection type : Shut of	f o/p voltage, clampi	ng by zener diode			
ENVIRONMENT	WORKING TEMP.	-20 ~ +70°C (Refer to "Derating Curve")					
	WORKING HUMIDITY	20 ~ 90% RH non-condensing					
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH					
	TEMP. COEFFICIENT	±0.03%fC (0~50°C)					
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes					
	SAFETY STANDARDS	ANSI/AAMI ES60601-1, TUV EN60601-1, IEC60601-1, UL60950-1 approved					
	ISOLATION LEVEL	Primary-Secondary: 2xMOPP					
AFETY &	WITHSTAND VOLTAGE	I/P-O/P:4KVAC	-O/P:4KVAC				
EMC	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C/ 70% RH					
(Note 4)	EMC EMISSION	Compliance to EN55011(CISPR11),EN55032 (CISPR32) Class B, EN61000-3-2,-3					
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, EN60601-1-2, EN61204-3, medical level, criteria A					
OTHERS	MTBF	499.7Khrs min. MIL-HDBK-217F (25°C)					
	DIMENSION	75*53*22.7mm (L*W*H)					
	PACKING	0.14Kg; 120pcs/17.8Kg/0.97CUFT					
IOTE	Ripple & noise are measure Tolerance : includes set up The power supply is consident EMC directives.	ally mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. red at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. to tolerance, line regulation and load regulation. dered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets red from primary input to DC output.					



