

MODEL	PBA10F-5	PBA10F-12	PBA10F-24
MAX OUTPUT WATTAGE[W]	10	10.8	12
DC OUTPUT	5V 2A	12V 0.9A	24V 0.5A

SPECIFICATIONS

MC	ODEL		PBA10F-5	PBA10F-12	PBA10F-24		
VO	DLTAGE[V]		AC85 - 264 1 \$\phi\$ or DC110 - 370 (AC50 or DC70 Please refer to the instruction manual 2.1 Input voltage \$\mathbf{*}3)				
		ACIN 100V	0.30typ (lo=100%)				
	CURRENT[A]	ACIN 200V	0.20typ (lo=100%)				
FR	REQUENCY[Hz]		50/60 (47 - 440) or DC				
	EFFICIENCY[%]	ACIN 100V	74typ	76typ	77typ		
EF		ACIN 200V	74typ	76typ	77typ		
		ACIN 100V	15typ (lo=100%)				
INF	INRUSH CURRENT[A]		30typ (lo=100%)				
LE	LEAKAGE CURRENT[mA]		0.15/0.30max (ACIN 100V/240V 60Hz, Io=100%, According to IEC60950-1,DENAN)				
VO	DLTAGE[V]		5	12	24		
CU	JRRENT[A]		2	0.9	0.5		
	NE REGULATION[mV]	20max	48max	96max		
LO	DAD REGULATION	[mV]	40max	100max	150max		
		0 to +50°C *1	80max	120max	120max		
RIPPLE[mVp-p] OUTPUT RIPPLE NOISE[mVp-;	PPLE[mvp-p]	-10 - 0℃ *1	140max	160max	160max		
		0 to +50°C *1	120max	150max	150max		
	PPLE NOISE[mVp-p]	-10 - 0°C *1	160max	180max	180max		
		0 to +50℃	50max	120max	240max		
TEM	EMPERATURE REGULATION[mV]	-10 to +50℃	60max	150max	290max		
DR	RIFT[mV]	*2	20max	48max	96max		
ST	ART-UP TIME[ms]		200typ(ACIN 100V, Io=100%) * Start-up time is 700ms typ for less than 1 minute of applying input again from turning off the input volt				
	OLD-UP TIME[ms]		20typ (ACIN 100V, lo=100%)				
OUT	TPUT VOLTAGE ADJUSTMENT	RANGE[V]	4.50 - 5.50	10.0 - 13.2	19.2 - 27.0		
	JTPUT VOLTAGE SET		5.00 - 5.15	12.00 - 12.48	24.00 - 24.96		
	OVERCURRENT PROTECTION						
ROTECTION	ERVOLTAGE PROTEC		5.75 - 7.00	15.0 - 18.0	30.0 - 37.0		
CIRCUIT AND⊢—	PERATING INDICA		LED (Green)				
	EMOTE ON/OFF	-	None				
	PUT-OUTPUT		AC3,000V 1minute, Cutoff current = 10mA, DC500V 50M Ω min (At Room Temperature)				
	PUT-FG		AC2,000V 1minute, Cutoff current = 10mA, DC500V 50M Ω min (At Room Temperature)				
	JTPUT-FG		AC500V 1minute, Cutoff current = 25 mA, DC500V 50M Ω min (At Room Temperature)				
	ERATING TEMP., HUMID.AND	ALTITUDE	-10 to +71°C (Required Derating), 20 - 90%RH (Non condensing) 3,000m (10,000feet) max				
STO	ORAGE TEMP.,HUMID.AND	-	-20 to $+75^{\circ}$ C, 20 - 90%RH (Non condensing) 3,000m (10,000feet) max				
	BRATION		10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 60minutes each along X, Y and Z axis				
	PACT		196.1m/s ² (20G), 11ms, once each X, Y and Z axis				
	ENCY APPROVALS (At only	(AC input)	UL60950-1, C-UL(CSA60950-1), EN60950-1, EN50178 Complies with DEN-AN				
SAFETY AND CO	ONDUCTED NOISE		Complies with FCC Part15 classB, VCCI-B, CISPR22-B, EN55011-B, EN55022-B				
		-	Low Voltage Directive, EMC Directive				
	ARMONIC ATTENU	ATOR	Complies with IEC61000-3-2 (Not built-in to active filter *4)				
CASE SIZE	ASE SIZE/WEIGHT		31 x 78 x 68mm (without terminal block) (W x H x D) / 150g max (without cover)				
	DOLING METHOD		Convection				
			Controluon				

*1 Measured by 20MHz oscilloscope or Ripple-Noise meter(equivalent to KEISOKU-GIKEN :RM101).

Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C. *2 *3 Derating is required.
 *4 When two or more units are used, they may not comply with the harmonic attenuator. Please

contact us for details.

* Parallel operation with other model is not possible.

Derating is required when operated with cover.

* A sound may occur from power supply at peak loading.