

*Make sure necessary tests will be carried out on your end equipment with the power supply installed in accordance with any required EMC/EMI regulations.

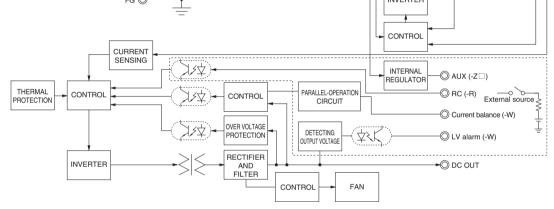
SPECIFICATIONS

	MODEL		PJA1000F-24	PJA1000F-48	
	VOLTAGE[V]		AC85 - 264 1 ¢ (Output derating is required at AC85V - 115	5V. See 1.1 and 3.2 in Instruction Manual) *4	
	ACIN 100V		12.5typ (lo=90%)		
	CURRENT[A]	ACIN 115V	11.0typ (lo=100%)		
		ACIN 230V			
	FREQUENCY[Hz]		50 / 60 (47 - 63)		
		ACIN 100V	84typ (lo=90%)	84typ (lo=90%)	
	EFFICIENCY[%]	ACIN 115V	85typ (lo=100%)	85typ (lo=100%)	
INPUT		ACIN 230V	88typ (lo=100%)	88typ (lo=100%)	
		ACIN 100V	0.98typ (lo=90%)		
	POWER FACTOR	ACIN 115V	0.98typ (lo=100%)		
		ACIN 230V	0.95typ (lo=100%)		
		ACIN 100V	15/30typ (Io=90%) (Primary inrush current /Secondary inrush	sh current) (More than 10sec to re-start)	
	INRUSH CURRENT[A]	ACIN 100V		, , ,	
		ACIN 230V	15/30typ (lo=100%) (Primary inrush current /Secondary inrush current) (More than 10sec to re-start) 30/30typ (lo=100%) (Primary inrush current /Secondary inrush current) (More than 10sec to re-start)		
			1.5max (ACIN 115V / 240V, 60Hz, Io=100%, According to IEC60950-1 and DEN-AN)		
	LEAKAGE CURRENT[mA] VOLTAGE[V]		24 48		
		ACIN 95-115V	Output derating is required at ACIN 115V or less (refer to in		
	CURRENT[A]	ACIN 85-115V ACIN 115V-264V	42		
		ACIN 1159-2649 ACIN 85-115V			
	WATTAGE[W]	ACIN 85-115V ACIN 115V-264V	Output derating is required at ACIN 115V or less (refer to in 1008	1008	
	LINE REGULATION[n		96max	192max	
	LOAD REGULATION[150max	300max	
	RIPPLE[mVp-p]		120max	200max	
OUTPUT	*1		160max	500max	
	RIPPLE NOISE[mVp-p]	0 to +50℃	150max	300max	
	*1		180max	600max	
	TEMPERATURE REGULATION[mV]	L	240max	480max	
		-20 to +50℃	290max	600max	
	DRIFT[mV] *2		96max	192max	
	START-UP TIME[ms]		800typ (ACIN 115V, Io=100%)		
	HOLD-UP TIME[ms]		20typ (ACIN 115V, lo=100%)		
	OUTPUT VOLTAGE ADJUSTMENT RANGE[V]			40.80 to 55.20	
	OUTPUT VOLTAGE SETT		24.00 to 24.96	48.00 to 49.92	
	OVERCURRENT PROTE		Works over 105% of rating and recovers automatically		
PROTECTION	OVERVOLTAGE PROTE		28.80 to 34.80	57.00 to 67.20	
CIRCUIT AND	OPERATING INDICATION		LED (Green)		
DTHERS	AUXILIARY OUTPUT		Optional (Option -Z)		
omilino	REMOTE SENSING		Optional (Option -W)		
	REMOTE ON/OFF		Optional (Option -R) Required external power source or auxiliary output (Option -Z).		
ISOLATION	INPUT-OUTPUT • RC *3		AC3,000V 1minute, Cutoff current = 25mA, DC500V 50MΩ min (At room temperature)		
	INPUT-FG		AC2,000V 1minute, Cutoff current = 25mA, DC500V 50M Ω min (At room temperature)		
JOLAHON .	OUTPUT • RC • AUX-FG *3				
	OUTPUT-RC • AUX *3				
	OPERATING TEMP., HUMID.AND ALTITUDE *5				
NVIRONMENT	STORAGE TEMP., HUMID. AND ALTITUDE		-20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30,000 feet) max		
	VIBRATION		10 - 55Hz, 19.6m/s ² (2G), 3minutes period, 60minutes each along X, Y and Z axes		
	IMPACT		196.1m/s ² (20G), 11ms, once each X, Y and Z axes		
SAFETY AND	AGENCY APPROVALS		UL62368-1, C-UL (CSA62368-1), EN62368-1 Complies with DEN-AN		
OISE	CONDUCTED NOISE		Complies with FCC-B, VCCI-B, CISPR22-B, EN55011-B, E	N55022-B	
REGULATIONS	HARMONIC ATTENU		Complies with IEC61000-3-2 class A		



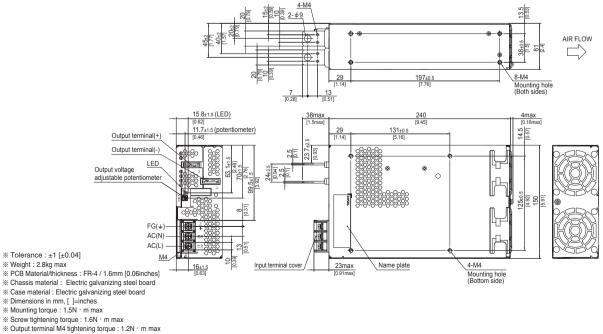
SPECIFICATIONS

THERS	CASE SIZE/WEIGHT	150×61×240mm [5.91×2.40×9.45 inches] (Excluding terminal block and screw) (W×H×D) / 2.8kg max
JIIIENS	COOLING METHOD *	Forced cooling (internal fan)
VARRANTY	WARRANTY *	5 years (subject to the operating conditions)
22 µ F and MHz oscillo RM103. See 1.6 of I	esult of measurement of the testing board with 0.1 µ F placed at 150 mm from the output tern scope or a ripple-noise meter equivalent to Ke nstruction Manual for more details. shange in DC output for an eight hour period a 25°C.	inals by a 20 isoku-Giken *4 Output power derating is required. *5 Output power derating is required. See 3.2 in Instruction Manual. *6 See 3.3 in Instruction Manual for more details. *6 See 3.3 in Instruction Manual for more details.
Feat	ures	
· Cost	-effective	· Stop or slow fan speed at no load
Jong	er life (see Instruction I	Manual) Many optional functions
·Wide	operating temperature	t = 61 mm or 2.4 inches) range (-20°C to +70°C see
·Wide instru		,
·Wide instru	operating temperature uction manual) k diagram AC IN 85 - 264	FUSE 250V 20A NOISE NUNUSH NUNUSH NUNUSH NUNUSH NUNUSH NUNUSH NUNUSH NUNUSH NUNUSH NUNUSH NUNUSH NUNUSH NUNUSH



External view

The external size of -V option, -W option, -R option, and -Z option is different from the standard model. See "5. Options and Others" in Instruction Manual for more details.



% Connect the input FG to safety earth ground.