



RoHS



① Series name
 ② Output power
 500 : 500W (ACIN 200V)
 750 : 750W (ACIN 200V)

MODEL	DPG500	DPG750
AC INPUT[V]	AC85 - 264	AC170 - 264
MAX OUTPUT WATTAGE[W]	*1 300	500
DC OUTPUT VOLTAGE[V]	*2 360	500

SPECIFICATIONS

	MODEL	DPG500	DPG750
INPUT	VOLTAGE[V]	AC85 - 264 1φ	AC170 - 264 1φ
	POWER FACTOR CORRECTION RANGE[V]	AC85 - 264 1φ	AC85 - 264 1φ
	CURRENT[A]	3.47typ (ACIN 100V)	2.86typ (ACIN 200V)
	FREQUENCY[Hz]	50/60 (47 - 63) Hz	50/60 (47 - 63) Hz
	INRUSH CURRENT[A]	Limited by external resistance	Limited by external resistance
	EFFICIENCY[%]	92typ (ACIN 100V)	95typ (ACIN 200V)
	POWER FACTOR	0.96typ (ACIN 100V)	0.93typ (ACIN 200V)
	LEAKAGE CURRENT[mA]	0.75 max (60Hz, According to IEC60950 and DEN-AN)	0.75 max (60Hz, According to IEC60950 and DEN-AN)
DPG	OUTPUT	WATTAGE[W]	*1 300
			500
			750
	VOLTAGE[V]	*2 360	
	VOLTAGE ACCURACY	*3 ±2%	
PROTECTION	OVERVOLTAGE PROTECTION[V]	DC400 - 450V The power factor corrector function stops	
CIRCUIT AND	ENA	*4 Enable signal, Open-drain output, Maximum sink current 10mA, Maximum allowance voltage 35V	
OTHERS	OTHERS	*5 Parallel operation impossible, Thermal protection	
ISOLATION	INPUT-OUTPUT	Non isolated	
	INPUT, OUTPUT-FG	AC2,800V 1minute Cutoff current = 10mA, DC500V, 50MΩ min (20±15°C)	
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE	-40 to +100°C (On aluminum base plate), 20 - 95%RH (Non condensing) (Refer to DERATING CURVE) 3,000m (10,000feet) max	
	STORAGE TEMP., HUMID. AND ALTITUDE	-40 to +100°C, 20 - 95%RH (Non condensing), 9,000m (30,000feet) max	
	VIBRATION	10 - 55Hz, 49.0m/S ² (5G), 3minutes period, 60minutes each along X, Y and Z axis	
	IMPACT	196.1m/S ² (20G), 11ms, once each along X, Y and Z axis	
SAFETY	AGENCY APPROVALS	UL60950-1, C-UL, EN60950-1, EN50178 Complies with DEN-AN and IEC60950-1	
	HARMONIC ATTENUATOR	Complies with IEC61000-3-2 *6	
OTHERS	CASE SIZE/WEIGHT	58.4×12.7×61mm [2.3×0.5×2.4 inches] (W×H×D) / 100g max	
	COOLING METHOD	Conduction cooling (e.g. heat radiation from the aluminum base plate to the attached heat sink)	

*1 Refer to Input voltage derating.

*2 When the input voltage is more than 240V, the output voltage becomes the value proportional to the input voltage.

*3 The value included the output setting and the line regulation, the load regulation and the temperature regulation.

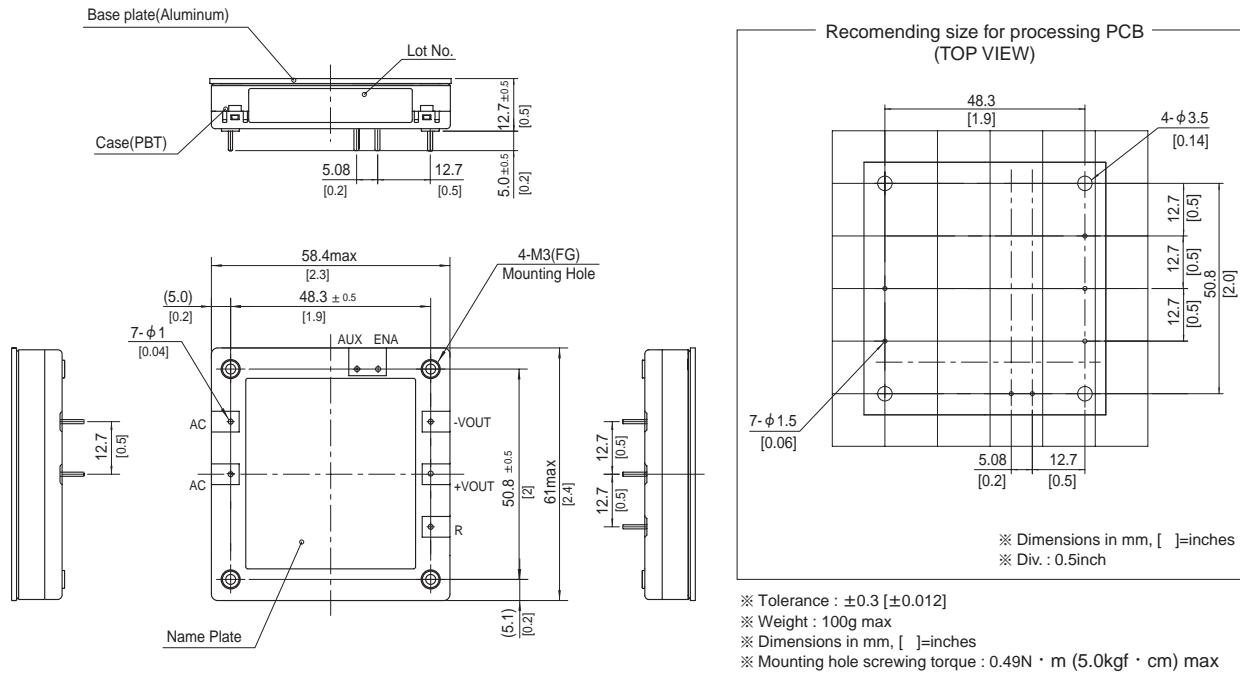
However, the input voltage is less than 240V.

*4 Refer to the instruction Manual.

*5 The thermal protection stops the power factor corrector function and the ENA signal.

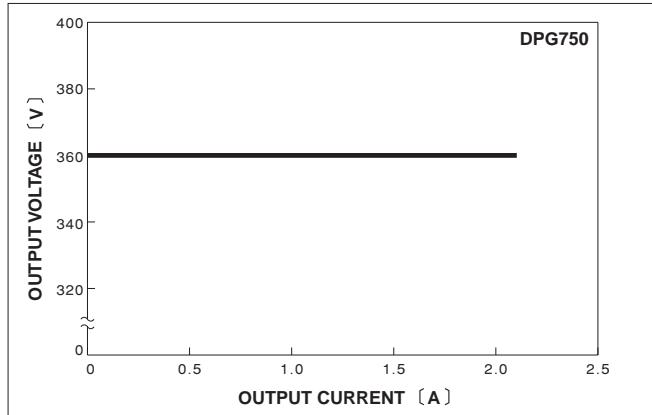
*6 Please contact us about class C.

External view

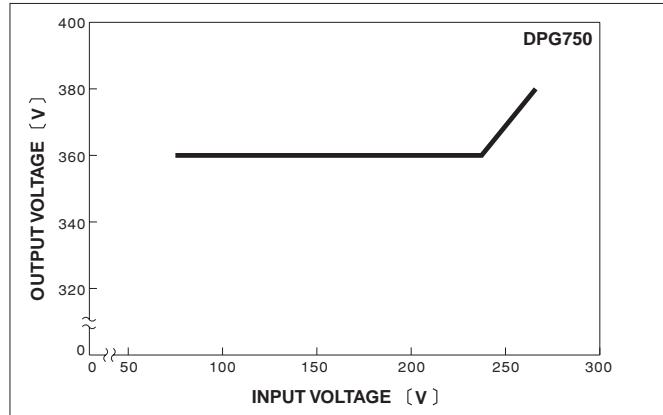


Performance data

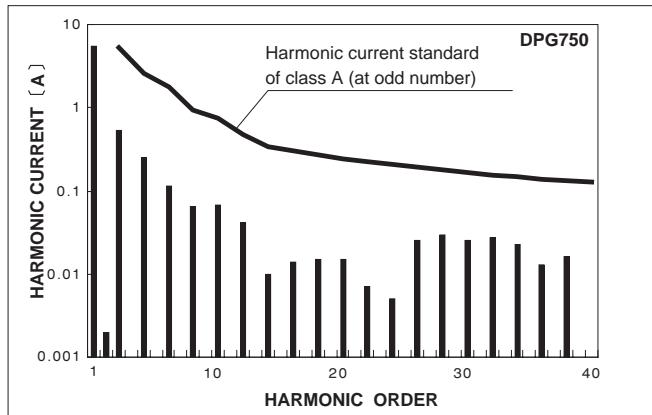
■ STATIC CHARACTERISTICS (AC230V)



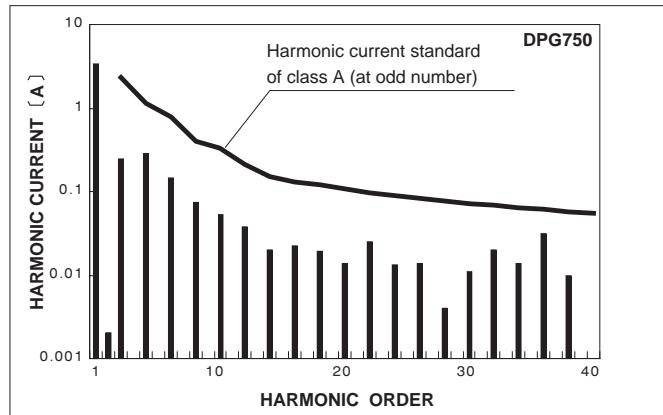
■ OUTPUT VOLTAGE FOR INPUT



■ HARMONIC CURRENT (AC100V)



■ HARMONIC CURRENT (AC230V)



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