

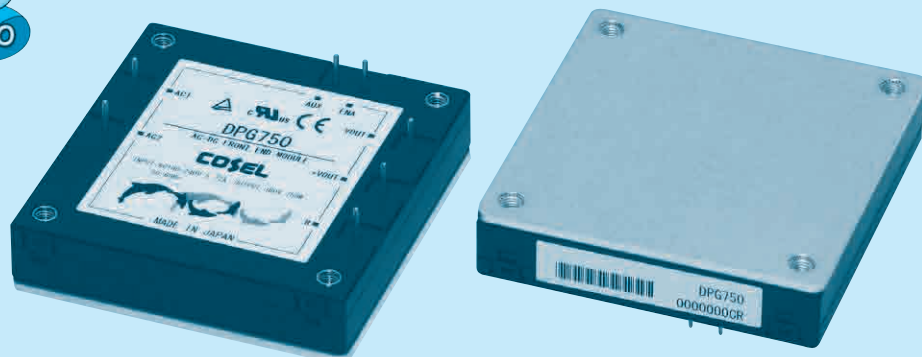
DPG

DPG 750

① ②



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



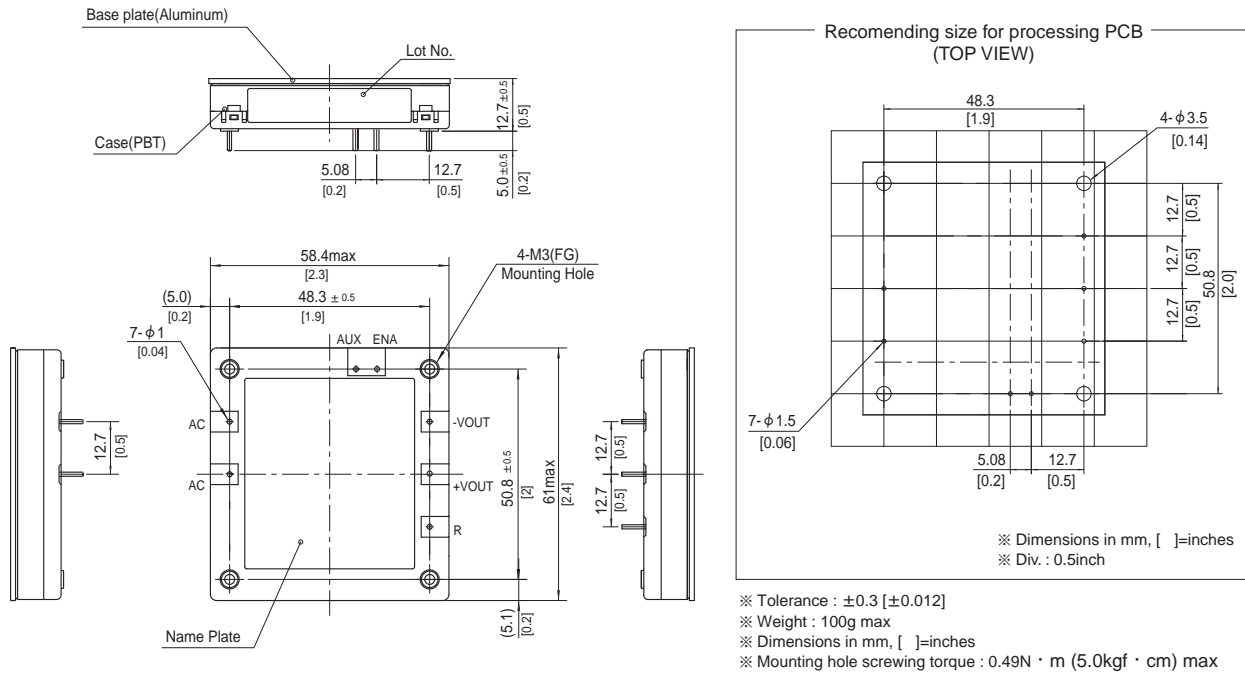
MODEL	DPG500		DPG750	
AC INPUT[V]	AC85 - 264	AC170 - 264	AC85 - 264	AC170 - 264
MAX OUTPUT WATTAGE[W]	*1 300	500	500	750
DC OUTPUT VOLTAGE[V]	*2 360			

SPECIFICATIONS

	MODEL	DPG500		DPG750	
INPUT	VOLTAGE[V]	AC85 - 264 1 ϕ	AC170 - 264 1 ϕ	AC85 - 264 1 ϕ	AC170 - 264 1 ϕ
	POWER FACTOR CORRECTION RANGE[V]	AC85 - 264 1 ϕ			
	CURRENT[A]	3.47typ (ACIN 100V)	2.86typ (ACIN 200V)	5.72typ (ACIN 100V)	4.24typ (ACIN 200V)
	FREQUENCY[Hz]	50/60 (47 - 63) Hz			
	INRUSH CURRENT[A]	Limited by external resistance			
	EFFICIENCY[%]	92typ (ACIN 100V)	95typ (ACIN 200V)	93typ (ACIN 100V)	96typ (ACIN 200V)
	POWER FACTOR	0.96typ (ACIN 100V)	0.93typ (ACIN 200V)	0.96typ (ACIN 100V)	0.93typ (ACIN 200V)
	LEAKAGE CURRENT[mA]	0.75 max (60Hz, According to IEC60950 and DEN-AN)			
OUTPUT	WATTAGE[W]	*1 300	500	500	750
	VOLTAGE[V]	*2 360			
	VOLTAGE ACCURACY	*3 $\pm 2\%$			
PROTECTION CIRCUIT AND OTHERS	OVERVOLTAGE PROTECTION[V]	DC400 - 450V The power factor corrector function stops			
	ENA	*4 Enable signal, Open-drain output, Maximum sink current 10mA, Maximum allowance voltage 35V			
	OTHERS	*5 Parallel operation impossible , Thermal protection			
ISOLATION	INPUT-OUTPUT	Non isolated			
	INPUT, OUTPUT-FG	AC2,800V 1minute Cutoff current = 10mA, DC500V, 50M Ω min (20 \pm 15 $^{\circ}$ C)			
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE	-40 to +100 $^{\circ}$ 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 $^{\circ}$ 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 \times 12.7 \times 61mm [2.3 \times 0.5 \times 2.4 inches] (W \times H \times D) / 100g max			
	COOLING METHOD	Conduction cooling (e.g. heat radiation from the aluminum base plate to the attached heat sink)			

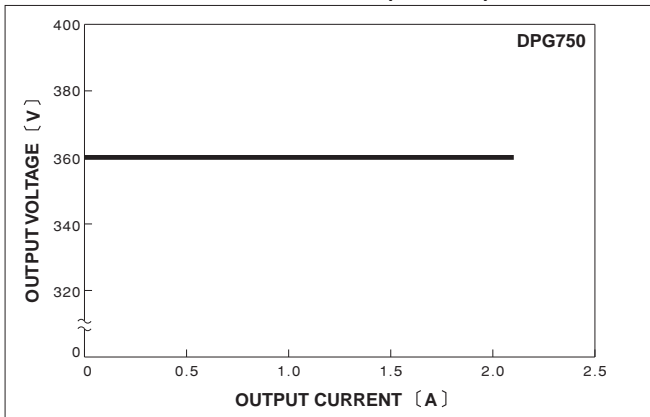
- *1 Refer to Input voltage derating.
*2 When the input voltage is more than 240V, the output voltage becomes the value proportional to the input voltage.
*3 The value included the output setting and the line regulation, the load regulation and the temperature regulation.
However, the input voltage is 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

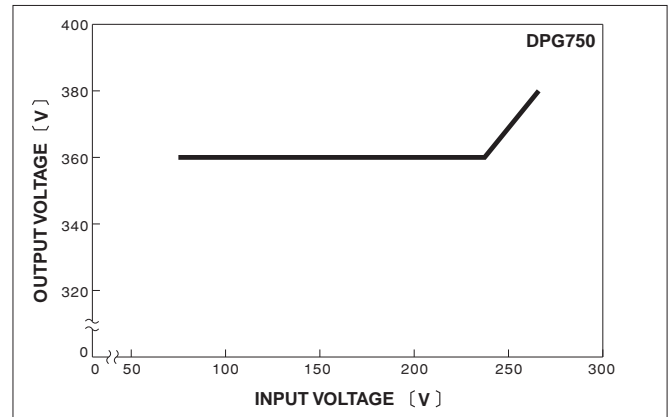


Performance data

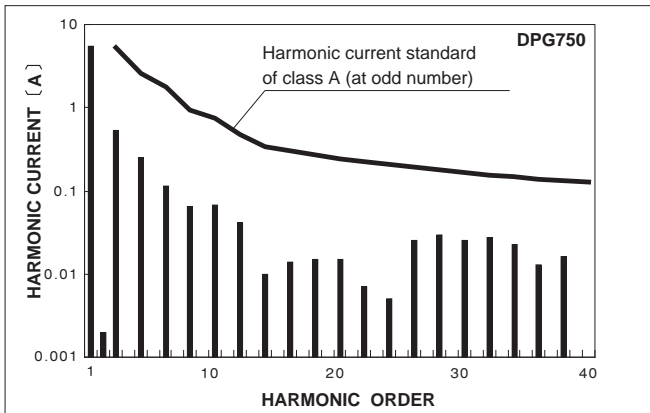
■ STATIC CHARACTERISTICS (AC230V)



■ OUTPUT VOLTAGE FOR INPUT



■ HARMONIC CURRENT (AC100V)



■ HARMONIC CURRENT (AC230V)

