

- AC Input PFC Module
- Conduction Cooled (via Heat sink)
- Industry Standard Encapsulated Package
- Half Brick
- Over Voltage Protection
- High Efficiency up to 96%
- -40 to +85 °C Operational Temperature Range



Specification (typical values shown)

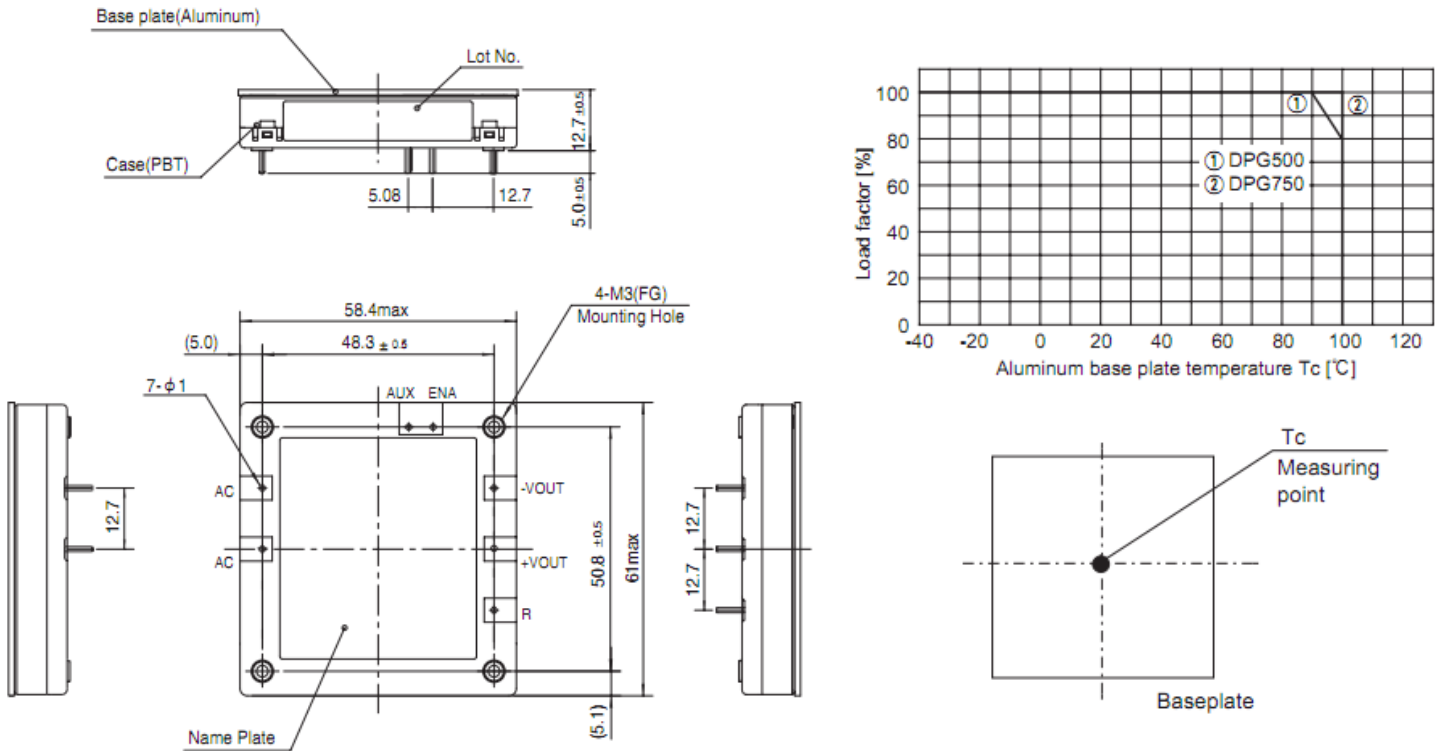
Input Range.....	85~264 / 170~264 Volts AC
Output.....	360 VDC
Leakage Current.....	0.75 Max (60Hz, According to IEC60950 and DEN-AN)
Frequency(Hz).....	50/60 (47~63) Hz
Inrush Current (A).....	Limited by external resistance
Efficiency.....	See table for each model
Voltage Accuracy.....	+/-2%
Over Voltage Protection.....	400~450 Volts, The power factor corrector function stops
Isolation Voltage.....	I/P-O/P: Non-isolated I/P, O/P-FG : AC 2,800V (1 minute cutoff current = 10mA) DC 500V, 50M Ω min (20+/-15°C)
Operating Temperature.....	-40 to +85 °C
Storage Temperature.....	-40 to +100 °C
Approval.....	UL60950-1, cUL, EN60950-1, EN50178 Complies with DEN-AN and IEC60950-1
Case Material.....	Aluminium baseplate, PBT Case
Weight.....	100 g

Models and Ratings

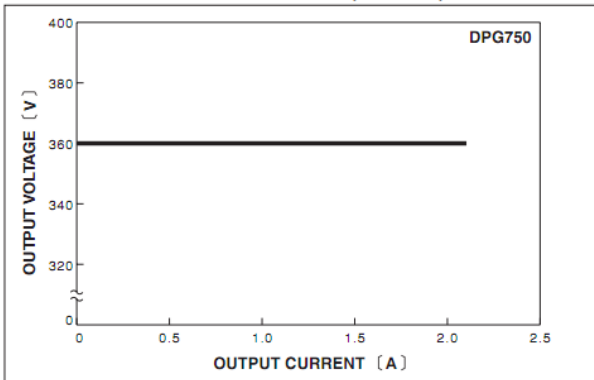
Model	Input Voltage	Output Power	Output Voltage	Size (mm)
DPG500	85~264	300 Watts	360 VDC	58.4 x 61 x 12.7
	170~264	500 Watts		
DPG750	85~264	500 Watts		
	170~264	750 Watts		

For mechanical data and pinout, see next page

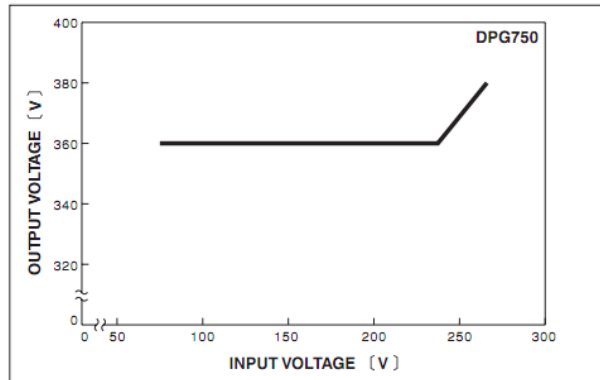
Mechanical Details and Pin-Out



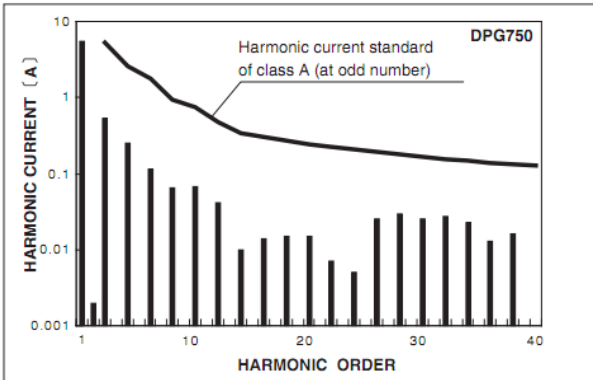
■ STATIC CHARACTERISTICS (AC230V)



■ OUTPUT VOLTAGE FOR INPUT



■ HARMONIC CURRENT (AC100V)



■ HARMONIC CURRENT (AC230V)

