



## MODEL SELECTION

Part Number	PFC	Input Voltage
PCA022	Active PFC	100-240Vac

## GENERAL SPEC.

Hold-up Time	16ms@80% load 115V/60Hz or 230V/50Hz
Dimensions	150 x 140 x 86 (mm)
MTBF	100KHrs @80% loading 25°C at 115V/60Hz
Output Rise Time	0.2~20ms
PG Signal Rise Time	<10ms

## ENVIRONMENTAL SPEC.

Operating Temperature	0 ~ 35°C
Storage Temperature	-40 ~ 70°C

## OUTPUT CURRENT CAPACITY

Voltage	Min. Load	Max. Load	Combined	Combined
+5V	0.3A	8.0A	56W	300W
+3.3V	0.3A	10A		
+12V1	0.3A	10A	228W	
+12V2	0.3A	12A		
-12V	0.0A	0.8A	9.6W	
+5Vsb	0.0A	2.0A	10W	

## FEATURES

- Dual Forward Converter design architecture
- 12V to 3.3V D-D VRM layout
- Support Intel Core i5 & i7 CPUs
- Support nVIDIA SLi & ATI Crossfire multi-GPU VGA cards
- Compliance with ErP Lot 6 2013: 5Vsb AC input < 0.5W at standby & off mode
- 100-240Vac input with active PFC design
- 85% efficiency
- Support AMD Phenom & Athlon CPUs

## INPUT SPEC.

Input Voltage Range	100-240Vac
Input Frequency Range	50-60Hz
AC Input Current	6-3A@100-240V
PFC (Harmonic)	Meet EN61000-3-2 Class D
EMI/RFI	CISPR 22 Class B

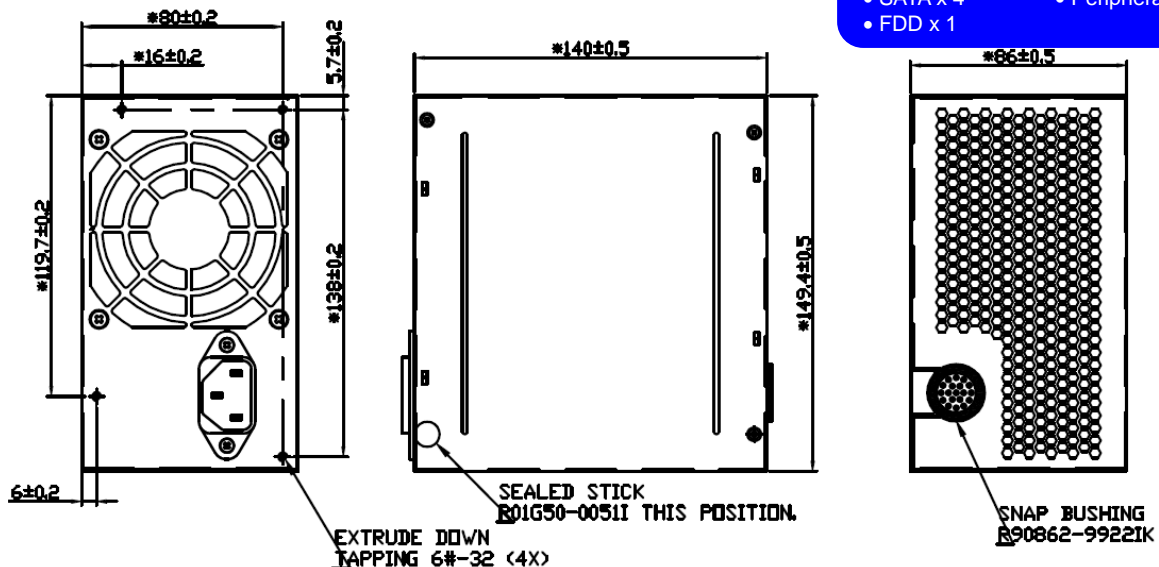
## OUTPUT SPEC.

Output Power	300W
Max. Power	350W
Efficiency	82%@20% load; 85%@50% load; 82%@100% load
OVP	+3.3V:4.5V, +5V:7V, +12V1&V2:16V
OCP	+3.3V:15A, +5V:13A, +12V1&V2:16A
OTP	Latch off all main outputs if over temperature
SCP	Latch off all main outputs reset by cycling on/off control or AC power

## SAFETY

UL, CUL, TUV, CE, BSMI, CCC, CB

## OUTLINE DRAWING



### Cabling:

- 24pin for M/B x 1
- SATA x 4
- FDD x 1
- 4pin for CPU x 1
- Peripheral 4pin x 2