



## MODEL SELECTION

Part Number	PFC	Input Voltage
PCB029	Active PFC	110-230Vac

## GENERAL SPEC.

Hold-up Time	16ms@70% load 115V/60Hz or 230V/50Hz
Dimensions	150 x 140 x 86 (mm)
MTBF	500KHrs
Output Rise Time	0.2~20ms
PG Signal Rise Time	<1ms

## ENVIRONMENTAL SPEC.

Operating Temperature	0 ~ 50°C
Storage Temperature	-40 ~ 70°C

## OUTPUT CURRENT CAPACITY

Voltage	Min. Load	Max. Load	Combined	Combined
+5V	0.2A	20A	103W	333.9W
+3.3V	0.1A	16A		
+12V1	0.1A	18A	300W	
+12V2	0.5A	18A		
-12V	0A	0.3A	3.6W	16.1W
+5Vsb	0.05A	2.5A	12.5W	

## FEATURES

- Dual Forward Converter design architecture
- 110-230Vac input with active PFC design
- 12V to 3.3V D-D VRM layout
- 85% efficiency
- Support Intel Core i5 & i7 CPUs
- Support AMD Phenom & Athlon 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

## INPUT SPEC.

Input Voltage Range	110-230Vac
Input Frequency Range	50-60Hz
AC Input Current	5-2.5A@110-230V
PFC (Harmonic)	Meet EN61000-3-2 Class D
EMI/RFI	CISPR 22 Class B

## OUTPUT SPEC.

Output Power	350W
Max. Power	400W
Efficiency	82%@20% load; 85%@50% load; 82%@100% load
OVP	+3.3V:4.5V, +5V:7V, +12V1&V2:16V
OCP	+3.3V:30A, +5V:35A, +12V1&V2:35A
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, C-Tick, CB

## OUTLINE DRAWING

