



MODEL SELECTION

Part Number	PFC	Input Voltage
PC8055	Active PFC	100~240Vac

FEATURES

- Active Clamp Forward Converter design with SR
- 3.3V & 5V DC-DC VRM module - increase efficiency
- Soft-start circuit limits inrush current while powering on
- Scratch-resistant wrinkle paint casing
- Compliance with 80 PLUS Gold - efficiency 87%, 90%, 87%
- Support nVidia 3-way SLI & ATI CrossFire X VGA cards
- Japanese made & solid state capacitors for better quality & performance

GENERAL SPEC.

Hold-up Time	16ms@max. load 115Vac/60Hz & 230Vac/50Hz
Dimensions	150 x 190 x 86 (mm)
MTBF	412316 hrs
Output Rise Time	0.2~20ms
PG Signal Rise Time	10ms max.

ENVIRONMENTAL SPEC.

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

INPUT SPEC.

Input Voltage Range	100~240Vac
Input Frequency Range	50~60Hz
Leakage Current	3.5mA@120V/60Hz
AC Input Current	16A@100V; 10A@240V
PFC (Harmonic)	Meet EN61000-3-2 Class D (115V/60Hz & 230V/50Hz)
EMI/RFI	CISPR 22 Class B

OUTPUT CURRENT CAPACITY

Voltage	Regulation	Min. Load	Max. Load	Combined
+5V	4.75~5.25	0A	25A	180W
+3.3V	3.13~3.46	0A	25A	
+12V1	11.4~12.6	0.1A	25A	
+12V2	11.4~12.6	0.1A	25A	
+12V3	11.4~12.6	0.1A	25A	
+12V4	11.4~12.6	0.1A	25A	
+12V5	11.4~12.6	0.1A	25A	1056W
+12V6	11.4~12.6	0.1A	25A	
-12V	-10.8~-13.2	0A	0.5A	6W
+5Vsb	4.75~5.25	0.005A	4A	20W

OUTPUT SPEC.

Rated Power	1100W
Efficiency	87%* @20%, 90%* @50%, 87%* @100% loads
OVP	+3.3V:4.5V,+5V:7V,+12V1/V2/V3/V4:16V
OCP	+3.3V:45A,+5V:45A,+12V1/V2/V3/V4:45A
OTP	Latch off all main outputs if over temperature
SCP	Latch off all main outputs reset by cycling on/off control or AC power

Cabling:

- 24pin for M/B x 1
- 8pin & 4+4pin for CPU
- Peripheral 4pin x 5
- FDD 4pin x 1
- SATA x 10
- PCI-E 6+2pin x 6

OUTLINE DRAWING

