



MODEL SELECTION

Part Number	PFC	Input Voltage
PC7052	Active PFC	110~240Vac

FEATURES

- Active Clamp Forward Converter design
- 3.3V & 5V DC-DC VRM module - increase efficiency
- Overclocking capability
- Scratch-resistant wrinkle paint casing
- Compliance with 80 PLUS Silver - efficiency 85%, 88%, 85%
- Support multi-GPU SLi & Crossfire
- Intelligent-thermal fan control
- Japanese made & solid state capacitors

GENERAL SPEC.

Hold-up Time	17ms@max. load 115Vac/60Hz & 230Vac/50Hz
Dimensions	150 x 190 x 86 (mm)
MTBF	100K+ 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	110~240Vac
Input Frequency Range	50~60Hz
Leakage Current	3.5mA@120V/60Hz
AC Input Current	12A@115V; 6.3A@230V
PFC (Harmonic)	Meet EN61000-3-2 Class D (115V/60Hz & 230V/50Hz)
EMI/RFI	CISPR 22 Class B

OUTPUT SPEC.

Rated Power	900W
Efficiency	85%+@20%, 88%+@50%, 85%+@100% loads
OVP	+3.3V:4.5V,+5V:7V,+12V1/V2/V3/V4:16V
OC	Latch off all main outputs if over current
OTP	Latch off all main outputs if over temperature
SCP	Latch off all main outputs reset by cycling on/off control or AC power

OUTPUT CURRENT CAPACITY

Voltage	Regulation	Min. Load	Max. Load	Combined
+5V	4.75~5.25	0A	25A	166W
+3.3V	3.13~3.46	0A	25A	
+12V1	11.4~12.6	0.1A	25A	
+12V2	11.4~12.6	0.1A	25A	860W
+12V3	11.4~12.6	0.1A	25A	
+12V4	11.4~12.6	0.1A	25A	
-12V	-10.8~-13.2	0A	0.5A	6W
+5Vsb	4.75~5.25	0A	4A	20W

SAFETY

UL, CUL, FCC, TUV, NEMKO, CB, CE, CCC, BSMI, C-Tick, MIC

OUTLINE DRAWING

