



MODEL SELECTION

Part Number	PFC	Input Voltage
PC7055	Active PFC	100 ~ 240Vac

GENERAL SPEC.

Hold-up Time	16ms@max. load 115 & 230Vac/47Hz
Dimensions	150 x 140 x 86 (mm)
MTBF	600KHrs
Output Rise Time	0.1~20ms
PG Signal Rise Time	10ms max.

ENVIRONMENTAL SPEC.

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

OUTPUT CURRENT CAPACITY

Voltage	Regulation	Min. Load	Max. Load	Ripple p-p
+5V	4.75~5.25	1A	20A	50mV
+3.3V	3.13~3.46	0.5A	20A	50mV
+12V1	11.4~12.6	1A	18A	120mV
+12V2	11.4~12.6	1A	18A	120mV
-12V	-10.8~-13.2	0A	0.5A	120mV
+5Vsb	4.75~5.25	0.05A	2.5A	50mV

FEATURES

- Dual forward converter design
- 85% high efficiency
- Allows overclocking 100W
- Support Intel Core 2 & Quad Core CPUs
- Support AMD Athlon 64x2 dual core CPUs
- Support nVIDIA SLi & ATI Cross-fire VGA cards
- Compliance with Intel ATX 2.3

INPUT SPEC.

Input Voltage Range	100~240Vac
Input Frequency Range	50~60Hz
Leakage Current	3.5mA@120V/60Hz
AC Input Current	6A@100V
PFC (Harmonic)	Meet EN61000-3-2 Class D (115V & 230V 50Hz)
EMI/RFI	CISPR 22 Class B

OUTPUT SPEC.

Rated Power	390W
Max. Power	490W
Efficiency	85% above @ 115/230Vac
OVP	+3.3V:4.3V,+5V:7V,+12V1:15.6V,+12V2:15.6V
OCP	+3.3V:35A,+5V:35A,+12V1:28A,+12V2:28A
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, NEMKO, CB, CE, CCC, BSMI

OUTLINE DRAWING

