



MODEL SELECTION

Part Number	PFC	Input Voltage
PC7019	Without PFC	110~115Vac, 220~230Vac
PC7020	With 115 / 230V PFC	110~115Vac, 220~230Vac

FEATURES

- Support Intel ATX 12V 2.3
- Support Intel & AMD dual core CPUs
- Dual rails +12V output
- Automatic fan speed control
- 20+4pin detachable header for M/B
- No load operation
- Power line disturbance
- TTL compatible power good signal
- Blue Angel: Input less than 1W when 5Vs is 0.1A

GENERAL SPEC.

Hold-up Time	16mS@max. load 115Vac / 60Hz
Dimensions	150 x 140 x 86 (mm)
MTBF	100KHrs
Output Rise Time	0.1~20mS
PG Signal Rise Time	10 mS 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	0.3A	18A	50mV
+3.3V	3.13~3.46	0.5A	16A	50mV
+12V ₁	11.4~12.6	1A	15A	120mV
+12V ₂	11.4~12.6	1A	18A	120mV
-12V	-10.8~-13.2	0A	0.5A	120mV
+5Vs	4.75~5.25	0A	2.5A	50mV

INPUT SPEC.

Input Voltage Range	110~115Vac, 220~230Vac
Input Frequency Range	50~60Hz
Leakage Current	3.5mA@230V/50Hz
Input Current	8A@115V ; 4A@230V
PFC(Harmonic)	Meet IEC61000-4-2 Class D(230V)
EMI/RFI	CISPR 22 Class B

OUTPUT SPEC.

Output Power	330W
Max. Power	380W
Efficiency	75%@115/230Vac
OVP	+3.3V:4.5V, +5V:7V, +12V ₁ :16V, +12V ₂ :16V
OCV	+3.3V:40A, +5V:45A, +12V ₁ :25A, +12V ₂ :25A
SCP	Latch off all main outputs reset by cycling on/off control or Ac power

SAFETY

UL, CUL, TUV, NEMKO, CB, BSMI, CE, CCC, MIC, GOST

OUTLINE DRAWING

