



## MODEL SELECTION

| Part No. | PFC  | Input Voltage |
|----------|------|---------------|
| FLXB-300 | APFC | 100~240Vac    |

## FEATURES

- Support Intel Core i5 & i7 and AMD Phenom & Athlon CPUs
- +12V1,+12V2 Dual channel output
- Auto-thermal fan control technology maximizes acoustic & heat performance
- Protection of over voltage, over power & short circuit
- 20+4pin & 4+4pin detachable headers for M/B & CPU connections
- High RPM Dual Ball Bearing Fan,better heat dissipation for life span

## GENERAL SPEC.

|                     |                                    |
|---------------------|------------------------------------|
| Hold-up Time        | 16ms@115Vac/60Hz or<br>230Vac/50Hz |
| Dimensions          | 150 x 81 x 40 (mm)                 |
| MTBF                | 100KHrs                            |
| Output Rise Time    | 0.2~20ms                           |
| PG Signal Rise Time | 10ms max.                          |

## ENVIRONMENTAL SPEC.

|                       |            |
|-----------------------|------------|
| Operating Temperature | 0 ~ 45°C   |
| Storage Temperature   | -40 ~ 70°C |

## OUTPUT CURRENT CAPACITY

| Voltage | Min. Load | Max. Load | Combined | Output |
|---------|-----------|-----------|----------|--------|
| +5V     | 0.5A      | 14A       | 90W      | 286W   |
| +3.3V   | 0.1A      | 10A       |          |        |
| +12V1   | 0.5A      | 17A       | 280W     |        |
| +12V2   | 0.5A      | 17A       |          |        |
| -12V    | 0A        | 0.3A      | 3.6W     | 13.6W  |
| +5Vsb   | 0A        | 2A        | 10W      |        |

## SAFETY

FLXB-300: UL, FCC, CE

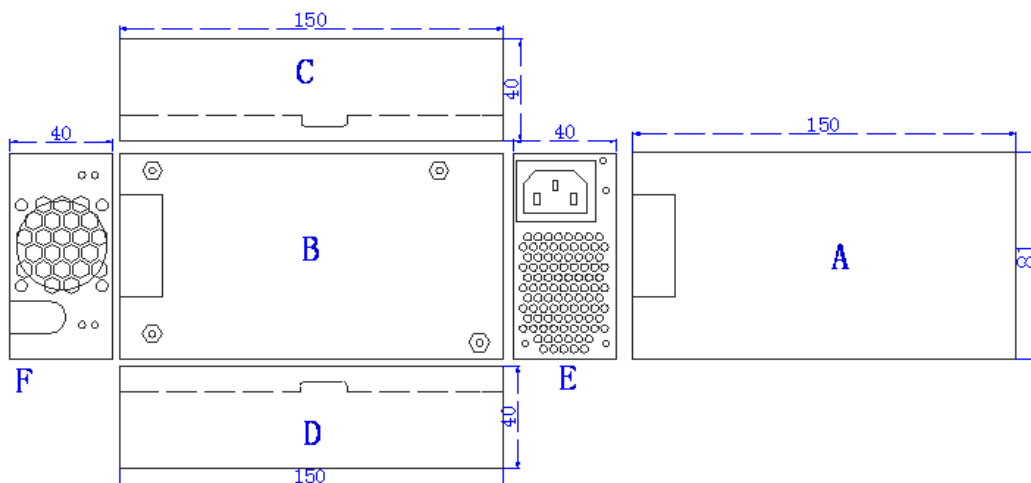
## INPUT SPEC.

|                  |                                |
|------------------|--------------------------------|
| Input Voltage    | 100~240Vac                     |
| Input Frequency  | 50/60Hz                        |
| Leakage Current  | 3.5mA@230V/50Hz                |
| AC Input Current | 5A@115V; 3A@230V               |
| EMI/RFI          | CISPR 22 & FCC Part 15 Class B |

## OUTPUT SPEC.

|             |  |
|-------------|--|
| Rated Power | 300W   |
| Max. Power  | 360W   |
| Efficiency  | 82% above@110Vac , 85% above@230Vac                                    |
| OVP         | +3.3V: 4.5V, +5V: 7V, +12V1: 15V, +12V2: 15V                           |
| SCP         | Latch off all main outputs reset by cycling on/off control or AC power |
| OPP         | 360W~405W (120%~135%)  |

## OUTLINE DRAWING



### Cabling:

- 20+4pin for M/B x 1
- SATA x 3
- Peripheral 4pin x 2
- 4+4pin for CPU x 1
- 4pin for CPU x 2
- FDD 4pin x 1
- PCI Express x 2